

SEERS OF 80 TOLAHS.

BAJRA OR CUMBU. (<i>Pennisetum typhoides</i> .)			MARUA OR RAGI. (<i>Eleusine Coracana</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
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...	...	16 0	19 0
15 4	...	19 0
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...	20 0	20 0	20 0	...
...	21 0	...	23 8	...
...	20 0	19 0	25 0	...
...	23 1	22 0	25 0	...

...	...	12 10	34 0	...
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16 0	16 0	19 0
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...	24 0	23 0	28	...
...	31 0	30 0	30 0	...
...	23 10
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KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)	(GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Cicer arietinum</i> .)
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Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
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S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	16	0	16	0	11	0		
...	12	8	12	8	8	0		
...	13	0	13	0	10	8		

20	0	20	0	21	0	23	0	26	0	16	0
14	4	14	4	16	4	22	0	22	0	16	0
...	...	...	...	...	...	22	0	21	0	14	0
18	0	18	8	16	0	22	0	22	0	14	5
...	...	...	...	...	...	21	0	21	8	15	8
...	...	...	...	...	...	19	0	22	0	15	0
...	22	0	10	0	23	1	22	0	14	5	

12	10	12	9	15	3	22 0 to 24 2	24	2	15	12	
...	...	...	...	...	...	20	3	20	3	14	8
...	...	...	...	...	...	...	24	0	12	0	
13	0	13	0	13	0	14	0	14	0	11	0
...	...	...	...	...	...	16	0	16	0	11	8

...	Kalai or biri. (Chhola.) 17 12 17 12 20 5 12 0 13 0 12 0 Biri or Kalai. 16 0 16 0 13 0 13 11 14 7 13 6
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...	14 0 15 0 to to 15 0 16 0 } 12 0
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...	16 0 16 0 to to 17 0 17 0 } 14 8
...	12 0 12 0 12 0

Station Bazars of the Districts of Bengal on the 28th February, 1894—(concluded).

INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	Number.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		

BENGAL—continued.

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.				
...	10	8	10	8	11	0	10	0	9	0	10	13½	4	0	0	4	2	0	3	12	0	Tippura.	24
...	8	0	7	4	10	0	4	8	0	4	14	0	3	12	0	Noakhali.	25
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BIHAR.

X																											27							
23	0	21	0	22	0	25	0	25	0	20	0	130	0	130	0	11	0	11	8	3	10	0	3	10	0	3	8	0	Patna.	27				
Y																											28							
...	22	4	18	8	21	0	21	0	20	0	120	0	120	0	120	0	9	12	10	0	4	1	0	4	1	0	3	13	0	Gaya.	28			
Z																											29							
18	0	17	0	20	0	19	0	19	0	22	0	120	0	120	0	10	8	10	8	11	0	3	14	0	3	12	0	3	10	0	Shahabad.	29		
a																											30							
20	8	19	8	19	8	24	8	24	8	14	4	200	0	200	0	200	0	10	0	10	12	4	0	0	4	0	0	3	10	6	Saran.	30		
b																											31							
18	0	18	4	21	8	22	0	22	4	14	8	180	0	180	0	160	0	10	8	10	8	3	12	0	3	12	0	3	12	0	Champaran.	31		
c																											32							
18	8	18	0	21	4	21	8	21	8	15	0	160	0	160	0	160	0	11	0	11	0	3	10	0	3	10	0	3	10	0	Muzaffarpur.	32		
d																											33							
20	14	18	11	23	2	23	1	22	0	13	8	176	0	176	0	176	0	11	0	11	0	10	0	3	8	0	3	8	0	3	14	0	Darbhanga.	33

19	15	19	15	23	2	16	13	23	1	17	1	126	0	126	0	168	0	10	0	10	14	3	11	0	3	14	0	3	14	0	Monghyr.	34		
21	0	21	0	21	0	21	0	21	0	20	3	126	8	126	12	151	8	10	1	10	1	10	11	4	0	0	4	0	0	3	12	0	Bhagalpur.	35
21	4	21	7	22	11	16	6	20	3	16	6	320	0	320	0	...	...	10	0	10	0	...	4	0	0	3	10	2	...	...	Purnea (Kasba).	36
...	...	26	0	...	...	20	0	16	0	...	...	...	...	...	...	...	...	10	0	10	0	...	...	...	...	...	...	...	...	...	Malda (English Bazar).	37
24	0	24	0	...	...	13	0	12	0	18	0	120	0	120	0	160	0	9	0	9	0	10	0	...	...	...	...	...	...	...	Sonthal Pargana.	38
21	0	21	0	23	8	19	0	20	0	21	8	130	0	130	0	200	0	10	0	10	0	8	3	12	0	3	12	0	3	10	3	ORI		

ORISSA.

...	21	0	21	0	18	6	80	0	80	0	80	0	9	4	9	4	10	12	3	12	0	3	12	0	3	6	0	Cuttack.	39	ORISSA DIVISION.
...	...	...	...	11	0	10	0	10	12	130	0	130	0	160	0	10	8	10	8	11	0	3	12	0	3	11	0	3	10	0	Balasore.	40
...	...	...	...	17	11	17	12	14	7	80	0	80	0	80	0	10	8	10	8	11	8	3	10	0	3	10	0	3	5	0	Puri.	41

CHOTA NAGPUR.

k																																			
18	0	18	0	20	0	18	0	18	0	15	0	240	0	240	0	240	0	8	0	8	0	9	0	4	8	0	4	8	0	3	14	6	Hazaribagh.	42	
20	0	28	0	20	0	Big.	Big.	Big.	12	0	13	0	14	0	160	0	160	0	9	8	9	12	9	8	4	4	0	4	4	0	4	0	0	Lohardaga. (Ranchi).	43
20	0	28	0	20	0	Small.	Small.	Small.	18	8	19	0	16	0	...	...	...	9	0	8	7	9	0	...	...	...	...	...	...	...	...	...	Palamau.	44
23	10	23	10	...	...	20	4	...	...	...	...	...	...	...	...	...	...	9	2	9	2	10	10	4	0	0	4	0	0	3	10	0	Manbhum.	45
28	0	28	0	18	8	20	0	19	0	18	8	...	...	...	...	...	...	8	0	8	0	9	0	4	6	0	4	6	0	4	6	0	Singbhum.	46
...	...	...	...	...	...	16	0	16	0	14	0	100	0	100	0	100	0	8	0	8	0	9	0	4	6	0	4	6	0	4	6	0	...	...

Manbhum 11 seers and Samastipur 10 seers.

- d In the subdivisions the retail prices of salt per rupee are :—Madhubani 11 seers and Samastipur 10 seers.
e In the subdivisions the retail prices of salt per rupee are :—Bogusarai 10½ seers and Jamui 10 seers.
f In the subdivisions the retail prices of salt per rupee are :—Banksa not reported, Madhipura 9½ seers, and Supaul 10 seers.
g In the subdivisions the retail prices of salt per rupee are :—Kishanganj 10 seers and Arraria 9 seers.
h In the subdivisions the retail prices of salt per rupee are :—Deoghur 10½ seers, Godda 9 seers, Jamtara 9 seers, Pakur 10½ seers, and Rajmahal 10 seers.
i In the subdivisions the retail prices of salt per rupee are :—Jajpur 9 seers, Kendrapara 9 seers, and Banki 11 seers.
j At Bhadrak the retail price of salt is 9 seers per rupee.
k At Giridih the retail price of salt is 11 seers per rupee.
l At Gobindpur the retail price of salt is 11 seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARKS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 1 0	3 0 9	3 7 0	2 7 0	2 7 6	2 5 0	5 5 0	5 5 3	5 9 0	3 15 3	3 15 6	4 0 0
2	Sirajganj ...	2 8 0	2 6 0	...	...	...	...	5 8 0	5 8 0	...	3 8 0	3 8 0	...
3	Dacca ...	3 4 0	3 4 0	...	...	...	...	4 8 0	4 8 0	3 10 0	3 12 0	3 14 0	3 6 0
4	Narayanganj ...	...	...	...	...	...	...	4 4 0	4 4 0	3 8 0	3 8 0	3 8 0	3 4 0
5	Chittagong ...	3 4 0	3 4 0	4 0 0	...	...	...	3 6 0	3 10 0	3 9 0	3 0 0	3 2 0	3 1 0
6	Patna ...	2 3 6	Red. 2 6 0	2 13 6	1 13 0	1 13 0	2 1 3	4 0 0	4 0 0	4 0 0	2 6 0	2 6 0	2 8 0
		2 6 0	White. 2 8 0	3 0 0									
7	Balasore ...	2 12 0	2 4 0	3 8 0	4 12 0	3 12 0	3 12 0	3 0 0	3 0 0	3 12 0	2 2 0	2 2 0	2 8 0
8	Puri ...	3 3 0	3 12 0	4 4 0	...	...	...	5 1 0	5 1 0	5 1 0	2 3 0	2 4 0	2 11 0
9	Cuttack ...	2 12 0	2 12 0	3 10 0	...	...	...	3 10 0	3 10 0	3 10 0	2 7 0	2 7 0	2 12 0

CALCUTTA,
The 6th March, 1894.

PRICES PER MAUND

[illegible]

40 BEERS.

MANUA OR RAGI. (Eleusine Coracana.)			KANONI OR KAKUN ITALIAN MILLER. (Setaria italica.)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
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in the undermentioned Marts of Bengal on the 28th February, 1894.

GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (Cicer Arietinum.)			INDIAN-CORN OR MAHLE. (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 8 3	2 8 0	2 11 6	1 13 3	1 13 0	2 0 0	2 1 0	2 1 0	3 3 0	0 6 9	0 6 9	0 6 0	3 10 0	3 10 0	4 0 0	Calcutta.
2 8 0	2 6 0	...	...	...	...	...	...	...	0 6 6	0 6 6	...	3 14 0	3 13 0	3 8 0	Sirajganj.
2 4 0	2 4 0	...	...	...	...	2 0 0	2 0 0	...	0 5 0	0 5 0	0 5 0	4 0 0	4 0 0	3 10 0	Dacca.
2 0 0	2 0 0	...	...	...	...	1 12 0	1 12 0	...	0 6 0	0 6 0	0 6 0	3 14 0	3 14 0	3 10 0	Narayanganj.
2 0 0	3 0 0	3 11 0	...	...	...	...	...	...	0 8 0	0 8 0	0 5 0	3 14 0	3 14 0	3 12 0	Chittagong.
1 11 6	1 8 9	2 8 0	1 11 6	1 14 6	1 13 0	1 9 6	1 9 6	2 0 0	0 5 0	0 5 0	0 5 0	3 10 0	3 10 0	3 8 0	Patna.
2 14 0	2 14 0	2 14 0	...	...	...	3 8 0	3 12 0	3 10 0	...	...	...	3 12 0	3 11 0	3 10 0	Balasore.
2 13 0	2 10 0 (Kalai or biri.)	2 2 0	...	...	...	2 4 0	2 3 0	2 11 0	0 8 0	0 8 0	0 8 0	3 10 0	3 10 0	3 5 0	Puri.
2 2 0	2 2 0	2 0 0	...	...	...	2 0 0	2 0 0	2 4 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 6 0	Cuttack.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY,
THE 3RD OF MARCH 1894.**

Abnormal meteorological conditions obtained over the province at the close of the previous week, and rather numerous local storms with rain were reported in many districts on the morning of the 24th of February, or the last day of the previous week. On the 25th pressure fell considerably over parts of Central Bengal, Bihar and Chota Nagpur, and a decided depression was formed over that area where pressure was below the normal by nearly a tenth of an inch. Hence winds became southerly over a large part of the province, and high temperature and humidity prevailed. Rather disturbed weather existed in and near the hills of North Bengal, in East Bengal, and in Assam, and fairly heavy rain fell over these areas during local storms. On the 26th the low pressure area had advanced in an easterly direction and stretched between Saugor Island and Purnea. Weather on this day in Bengal was rather less disturbed than it had been, and only a few light showers were reported, principally in North Bengal and Assam. In other respects conditions were unchanged. On the 27th the low pressure area still existed over Bengal, weather became rather more generally disturbed, and local storms with rain were rather numerous. On the 28th these conditions remained practically unchanged, pressure being decidedly low, and southerly winds blowing over the province, giving decidedly disturbed weather and numerous local storms with rain. On the 1st of March pressure had given way rapidly in Bengal, the fall equalling in some cases about a seventh of an inch, and a very influential barometric depression was formed over the western half of the province, while the differences of pressure over the Bay became considerable. Local storms with rain were therefore again numerous, and rather strong southerly winds were blowing at the head of the Bay. On the 2nd of March a further fall of pressure took place over the greater part of Bengal, and the depression moved somewhat in an easterly direction, and at some stations pressure was a fifth of an inch below the normal. Again local storms with rain were numerous, and in some cases they were severe, and Barisal reported 3.55 inches during a thunderstorm with hail. Madaripur in the Faridpur district also registered 4.70 inches of rain, Gournadi (Backergunge district) 3.48 inches, Ramganj (Noakhali district) 4.65 inches, Mirsarai (Chittagong district) 5.82 inches, and Rangamati 3.72 inches. On the 3rd March a rather brisk fall of pressure had again occurred in Bengal, and pressure became in defect by amounts ranging up to 0.25 inch at Malda. Disturbed conditions therefore continued, and several heavy falls of rain accompanying local storms were reported, Rangamati receiving the very heavy fall of 7.52 inches. With this pressure distribution also strong southerly winds were blowing over the province from the Bay, bringing up much moisture, while temperature was also generally in excess by about 3°.

Practically, therefore, throughout the week conditions have been disturbed and unsettled, and rather numerous local storms with rain have occurred in all districts, the falls being decidedly heavy in East Bengal.

Pressure.—Has been extremely low practically throughout the week, and the general defect has equalled from 0.11 inch to about 0.14 inch, and this defect has been fairly equally distributed in all districts.

Temperature.—The mean temperature of the whole province for the past week has been 1.1° above the normal, but this excess has been unequally distributed, and excess amounts of two to two and a half degrees have been registered in South-West Bengal and Orissa, and very small excess amounts only in East and North Bengal.

The actual temperatures registered during the week, and their variations from the normal temperature for the present season, are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the Province are compared with the normal values for the same period. The day or maximum readings for the week have indeed shown a slightly lower temperature than usual, and the defect at the nine stations in the maximum or day temperature has equalled 1.6°, while in the night or minimum temperature the excess has averaged 1.4° only:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 3rd of March 1894.

	Normal mean maximum temperature for the week ending 3rd March.	Actual mean maximum temperature for the week ending 3rd March 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 3rd March.	Actual mean minimum temperature for the week ending 3rd March 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 3rd March.	Actual mean daily temperature for the week ending 3rd March 1894.	Variation of actual mean from the normal.
Cuttack	84.4	84.0	-0.4	69.3	70.8	+1.5	81.9	82.4	+0.5
Calcutta	86.3	87.0	+0.7	65.1	68.1	+3.0	75.7	77.0	+1.3
Dacca	85.3	86.2	+0.9	63.3	65.0	+1.7	74.3	75.0	+0.7
Burdwan	88.4	88.1	-0.3	63.4	66.7	+3.3	75.9	77.4	+1.5
Patna	83.5	81.4	-2.1	61.8	61.4	-0.4	73.7	71.4	-2.3
Gaya	87.2	80.1	-7.1	60.8	62.6	+1.8	73.9	74.4	+0.5
Purnea	84.5	79.8	-4.7	55.3	50.8	-4.5	70.0	69.5	-0.5
Hazaribagh	83.1	83.0	-0.1	58.5	60.6	+2.1	70.8	71.8	+1.0
Darjeeling	81.0	66.9	-14.1	39.3	37.9	-1.4	45.1	42.4	-2.7

Rainfall.—The heavy average rainfall of 2·95 inches has been registered in East Bengal during the week, which is six times the usual amount for the period. North Bengal has also received 0·34 inch, or nearly three times as much as usual. On the other hand, in South-West Bengal, Bihar and Orissa the falls have only averaged a tenth of an inch, and in Chota Nagpur the fall has been only 0·04 inch.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 3rd of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 10th Oct. 1893.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal Average.	Average.	Normal average.
South-West Bengal ...	98·3	80·3	88·3	67·3	77·6	+2·2	0·10	0·34	—0·24	0·17	0·44	—0·27	0·09	0·24	3·71	4·41
North Bengal ...	80·2	53·6	75·1	67·8	66·5	+0·3	0·34	0·13	+0·21	1·36	0·30	+1·16	0·16	0·11	3·07	3·30
East Bengal ...	88·3	60·5	81·7	65·4	73·6	+0·7	2·98	0·46	+2·53	3·00	0·55	+2·45	2·50	0·26	7·81	5·86
Bihar ...	88·0	54·0	69·3	61·3	71·3	+1·1	0·09	0·06	+0·04	0·33	0·14	+0·19	0·08	0·04	4·06	3·96
Orissa ...	99·2	64·2	83·6	71·7	80·3	+3·4	0·12	0·16	—0·03	0·20	0·24	—0·04	N41	0·09	5·70	6·04
Chota Nagpur ...	94·8	66·3	85·0	61·7	73·4	+1·3	0·04	0·13	—0·09	0·18	0·31	—0·13	0·03	0·11	3·92	3·13

METEOROLOGICAL OFFICE, BENGAL,
The 6th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of February 1894.

	Inches.	Date.	Hour.
The mean pressure of the month	29.966		
The average pressure of February from 24 years' registers ...	29.945		
The highest pressure in the month	30.166	4th	10
The lowest pressure in the month	29.781	28th	16
The range of pressure	0.405		
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The total number of hours of bright sunshine during the month	Hours. 253.7		
The maximum possible number of hours of sunshine ...	318.0		
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The mean temperature of the month	° 72.0		
The average temperature of February from 24 years' registers ...	73.0		
The highest temperature in the month	91.5	17th	
The lowest temperature in the month	54.1	6th	
The range of temperature during the month	37.4		
The mean daily range of temperature	22.1		
The greatest range of temperature in one day	27.8	7th	
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The mean humidity of the month	Per cent. 70		
The average humidity of February from 24 years' registers ...	67		
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The mean vapour tension of the month	Inches. 0.542		
The average vapour tension of February from 9 years' registers ...	0.538		
The mean cloud proportion of the month	1.38		
The average cloud proportion of February from 17 years' registers ...	1.89		
The total rainfall of the month	0.25		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	0.24		
The average fall of February from 48 years' registers ...	0.87		
The greatest fall in 24 hours	0.19	22nd	
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The number of rainy days in the month	Days. 2		
The average number of rainy days in February from 24 years' registers ...	3		
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The mean maximum equilibrium temperature of solar radiation during the month	° 136.7		
The mean difference of sun and air temperatures	52.6		
The greatest sun temperature	143.9	27th	
The greatest excess of sun over air temperature	59.5	23rd	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	55.0		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	7.3		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	9.6	1st	
<hr/>			
The mean movement of the wind per day	Miles. 54.6		
The greatest movement of the wind in one day	124.0	26th	
The greatest movement of the wind in one hour	14.0	26th, 9th to 10th, A.M.	
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The number of hours with winds from each of the 8 points—			
N. 99, N.E. 71, E. 26, S.E. 12, S. 20, S.W. 81, W. 85, N.W. 56, Calm 222.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 8 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 2.1 lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

C. LITTLE,

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 5th March 1894.

For Meteorological Reporter to the Govt. of India.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of February 1894.

		Inches.	Date.
The mean pressure at 10 A.M. during the month	...	30.086	
The mean temperature at 10 A.M. during the month	...	76.4	
The highest temperature during the month	...	92.3	17th
The lowest temperature during the month	...	54.4	1st
The absolute range of temperature during the month	...	37.9	
The mean daily range of temperature during the month	...	23.0	
The greatest range of temperature in one day during the month	...	28.4	7th
The mean 10 A.M. humidity during the month	...	62	
The mean 10 A.M. vapour tension during the month	...	0.573	
The total rainfall of the month	...	0.25	
The greatest fall in 24 hours	...	0.25	22nd
The number of rainy days in the month	...	1	

O. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,

The 5th March 1894.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 25th February to 3rd March 1894.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32 Fohr.	TEMPERATURE.						HYGROMETRY.			Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
February	25th	29.985	76.0	89.0	22.1	66.9	70.6	74.7	.796	72.8	78	Nil
"	26th	29.967	76.5	86.7	16.5	70.2	80.2	73.1	.721	69.5	70	...
"	27th	29.971	75.2	88.0	25.6	62.4	79.6	69.6	.590	63.6	58	...
"	28th	29.909	79.9	90.0	20.2	69.8	82.6	75.0	.767	71.8	69	...
March	1st	29.760	82.2	90.5	16.7	73.8	84.6	77.0	.827	73.5	70	...
"	2nd	29.793	82.1	92.5	20.9	71.6	82.6	76.5	.832	73.6	75	...
"	3rd	29.752	81.3	92.0	21.4	70.6	84.6	74.5	.720	69.4	61	...

The mean 10 A.M. pressure of the seven days	...	...	...	Inches.
				29.870
The mean temperature of the seven days	...	...	...	79.6
The extreme variation of temperature	...	...	...	30.1
The maximum temperature	...	...	...	92.5
				%
The mean 10 A.M. relative humidity of the seven days	...	...	...	69
The total fall of rain from 25th February to 3rd March 1894	...	...	...	Nil
The daily mean temperatures are the crude means of maximum and minimum temperatures.				

O. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,

The 5th March 1894.

IRRIGATION DEPARTMENT, BENGAL.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1893-94.

Areas leased for irrigation up to end of January 1894.

CIRCLE.	District.	Canal.	DETAILS OF AREAS LEASED.										Rainfall, 1893-94.		REMARKS.			
			Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Annual leases.					During month.	Up to end of month.				
								Long-term leases.	Five years, khail.	Khail.	Rabi.	Sugarcane.	Bhadol.	Hot-weather.		Total.	Inches.	Inches.
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
Orissa	Cuttack	Talanda, 1st reach	1,392	80	7	6,605	8,732	6,593	...	113	...	...	...	113	6,706	73.70	71.0	63.73
		Idito, 2nd "	766	53	27	3,160	27,601	6,003	143	...	10	...	...	182	6,137	73.40	73.0	59.91
		Macdon "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73.4	45.04
		Kendrapara "	1,097	218.7	181.29	46,274	50,115	27,353	...	1,807	25	...	...	1,832	30,184	86.83	1.80	40.23
		Gubri "	372.82	36.90	14.74	1,991	2,610	769	...	40	...	...	...	40	599	80.86	1.85	46.23
		Ido, Extension "	648	33.10	19.04	1,591	3,714	775	...	9	...	...	...	9	784	No gauge.	No gauge.	No gauge.
		Paramuri "	885	66.61	8.46	2,683	12,637	2,409	...	11	...	...	...	11	2,411	69.39	1.70	12.52
		High Level, Range I "	698	103.68	10.81	11,680	21,330	10,936	...	23	1	...	...	23	11,069	68.25	1.73	13.89
		Dita, Canal do. II "	737.16	...	...	2,449	2,584	2,136	...	53	...	...	...	53	2,088	No gauge.	No gauge.	No gauge.
		Jairor Canal, Range III "	737.16	...	...	1,311	1,709	1,719	...	181	...	...	...	181	10,956	Ditto.	1.74	...
Bourma-War. 222.	Midnapore	High Level, Range III	...	...	...	17,098	32,746	16,778	...	...	...	...	...	...	...	...	1.23	53.90
		Total	...	...	...	103,030	102,822	85,443	143	...	2,055	217	...	2,414	87,866	...	...	...
		Total of the corresponding period of last year	...	...	...	...	...	...	...	...	2,594	253	...	6,170	168,369	...	...	...
Bourma-War. 222.	Howrah	Midnapore	1,411	60	...	73,738	81,611	109,178	3,338	...	...	...	...	...	...	...	...	...
		Pauchkura	822	91	...	2,156	7,868	6,406	...	5,508	...	...	...	...	...	...	...	...
		Total	...	...	...	461	835	835	...	...	...	...	...	...	...	...	...	...
		Total of the corresponding period of last year	...	...	...	79,355	89,002	82,418	...	5,508	...	...	...	5,578	87,936	...	...	...
		Western Main	4,342	1,483	15	22,607	30,250	18,893	1,928	1,719	...	...	...	...	...	...	...	...
		Buar	1,228	254	113	78,559	10,984	66,854	6,354	2,789	...	...	...	...	...	...	...	...
		Arrah	2,080	912	623	118,037	158,405	155,285	6,633	10,037	...	...	...	...	...	...	...	...
		Eastern Main	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Patna	1,408	367	299	2,724	2,275	2,150	474	77	...	...	...	...	...	...	...	...
		Bourma-War. 222.	Patna and Gaya.	Total	333,334	368,740	276,473	13,487	17,410	...	73	14,380	55,350	331,523	...
Total of the corresponding period of last year	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand total	...			...	...	518,719	616,104	167,500	23,829	24,973	217	73	14,380	63,273	507,610	...	...	...
Bourma-War. 222.	Patna and Gaya.	Grand total of the corresponding period of last year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Grand total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Grand total of the corresponding period of last year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* There are no separate leases for sugarcane on the Sonos Canal. All leased fields that crop now come under one of the other heads.

CALCUTTA,
The 6th March 1894.G. O. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

*Approximate return of traffic for the week ending Saturday, the 3rd March 1894,
as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 3RD MARCH 1894.			WEEK ENDING SATURDAY, THE 4TH MARCH 1893.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	765	1,66,063	2,433	1,292	4,17,775	7,386
Jute	68	28,150	485	108	66,175	1,023
Firewood	75	49,400	745	119	60,300	887
Other articles	821	1,90,482	3,050	1,006	2,56,680	3,882
Total	1,724	4,34,075	6,713	2,525	8,00,930	13,178

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of December 1893, as compared with the same month of the previous year.

STAPLES.	1890.		1893.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1893.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	5,441	26,070	6,159	3,463	26,753a	26,290a	463	
Cotton, raw	88	139	27	253	237	280		43
Cotton, manufactured—								
Twist and yarn, European	37							
Ditto, Indian	216	90						
Piece-goods, European	3,302	3	2,849	109	3,034	2,953	76	
Ditto, Indian	103	18						
Drugs and Chemicals—								
Intoxicating, other than opium	4	1						
Non-intoxicating—								
Quincona bark					58		58	
Others	33	13						
Dyes and Tans—								
Indigo		110						
Myristicams								
Curc	27							
Turmeric	28	103			235		235	
Aniline dyes								
Others	6	1						
Grain and pulse—								
Wheat	40	50						
Rice in the husk	1,884	5,324						
Rice not in the husk	3,943	2,593	2,133	4,012	6,535	6,170	365	
Jawar and bajra								
Gram and pulse	82	623						
Others	669	519	1,044	4,184	10,126	5,223	4,903	
Hides and skins—								
Hides of cattle—								
Dressed or tanned								
Raw	10	1,362	6	678	1,302	684	618	
Skins of sheep, &c.—								
Dressed or tanned								
Raw								
Horns		11			11		11	
Jute—								
Raw	51	25,832	78	26,024	25,913	26,503		590
Gunny bags and cloth	304	1,110	305	1,447	1,504	1,752		248
Lac—								
Stick								
Shell	3	16			19		19	
Leather, manufactured	33				62		62	
Liquors—								
Beer								
Spirits	44							
Wines	63	10			192		123	
Metals—								
Copper, unwrought	2							
Brass, do.	4							
Copper, wrought	8							
Brass, do.	267	47	2,107	143	1,702	2,320		618
Iron	1,177	63						
Others	107	27						
Oil—								
Kerosine	6,491		5,323	34	6,491	5,323	1,168	
Castor	8							
Cocconut	61							
Others	437	77	235	55	335	331	4	
Oilseeds—								
Linseed		339						
Rape and mustard	130	1,034						
Til or jingili		2						
Poppy	3		236	685	1,094	921	173	
Earth-nuts								
Castor								
Others	10	1						
Opium								
Paper and pasteboard	36	1			67		67	
Provisions—								
Ghee	36	5						
Dried fruits and nuts	13	1						
Others	637	430	510	388	1,300	606	694	
Railway plant and rolling-stock carried for the Public and Foreign Railways								
Locomotives, engines and tenders and parts thereof								
Carrriages and trucks and parts thereof								
Materials—								
Steel rails and fish-plates, sleepers and keys of steel and cast-iron.					3,253b	9,425b		6,172
Other sorts								
Salt	4,355	25	3,413	46	4,330	3,403	927	
Saltpetre, &c.—								
Saltpetre	5				5		5	
Other saline substances								
Milk, raw—								
Foreign								
Indian	1	17			18		18	

(a) Includes Loco. coal 30,000 and 3,244 tons during 1892 and 1893, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

(b) Railway plant and rolling-stock 9,443 and 3,253 tons for the years 1892 and 1893, respectively, for which no "Up" and "Down" register maintained.

STAPLES.	1893.		1892.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1893.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Silk piece-goods—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	.....	.....	.....	.....	.....	.....	.....
Spices—								
Betel-nuts	281	873						
Pepper	88	.....					
Ginger	.....	6	124	1,184	1,184	1,308	.....	124
Chillies	659	.....					
Cardamoms	.....	9						
Others	107	118						
Stone and lime	552	205			757	.....	957	.....
Sugar—								
Refined or crystalized, including sugar-candy.	298	1	869	516	1,902	1,385	517	.....
Unrefined, viz., molasses and jaggery or gur, and other saccharine produce.	1,393	210						
Tea—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	8,946	1	2,853	8,946	2,274	6,672	.....
Timber	273	104	193	205	377	408	.....	131
Tobacco—								
Unmanufactured	85	791						
Manufactured—			78	600	603	728	165	.....
Cigars	.....	.....				
Other sorts	12	6						
Wool, raw	1	60			67	.....	67	.....
Wool, manufactured—								
Piece-goods, European	.....	.....	.....	.....	.....	.....	.....	.....
Ditto, Indian	11	1			12	.....	12	.....
Shawls	.....	.....	.....	.....	.....	.....	.....	.....
All other articles of merchandise	5,417	1,646	5,361	3,502	7,263	7,863	.....	600
Total	30,580	78,417	31,186	40,333	1,24,499	1,16,830	16,566	8,497

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of December 1893.

INCREASES.		DECREASES.	
	Tons.		Tons.
Kerosine oil	1,129	Railway plant and rolling-stock carried for the Public and Foreign Railways	6,184
Partly due to the prohibition of carriage by boat within certain limits of the port of Calcutta and partly to the extension of bulk oil traffic.		Due to the completion of works on the Barsoo, Kissengunge branch and the C. B. S. Railway.	
Tea	3,592		
From Darjiling and the Duars.			

CALCUTTA, the 3rd March 1894.

J. SHAW,
for Examiner of Accounts.

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of December 1893, as compared with the same month of the previous year.

STAPLES.	1893.		1892.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1893.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons. (a)	Tons. (a)		
Coal and Coke carried for the Public and Foreign Railways.	1,294	.....	1,751	.....	1,294	1,251	.....	937
Cotton, raw	3	.....	.....	3	3	3	.....	1
Cotton, manufactured—	120	.....	451	.....	493	451	43	.....
Twist and yarn, European
Ditto, Indian	873	.....	.....	.....	.....	.....	.....	.....
Piece-goods, European
Ditto, Indian
Drugs and Chemicals—	3	.....	3	.....
Intoxicating other than Opium
Non-intoxicating—
Cinchona bark	2	.....	.....	.....	.....	.....	.....	.....
Others
Dyes and Tans—
Indigo
Myrabolams
Cutch
Turmeric	9	19	.....	.....	.....	.....	.....	.....
Aniline Dyes
Others
Grain and pulses—
Wheat	10	40	.....	.....	.....	.....	.....	.....
Rice in the husk	542	13	25	551	555	576	.....	321
Do. not in the husk
Jawar and Bajra	27	7	.....	.....	.....	.....	.....	.....
Gram and pulse	23	23	96	31	123	110	9	.....
Others
Hides and skins—
Hides of cattle—
Dressed or tanned	110	.....	.....	.....	.....	.....	.....
Raw	36	110	36	72	.....
Skins of sheep, &c.—
Dressed or tanned
Raw
Horns
Jute—
Raw	500	.....	990	500	990	.....	400
Gunny bags and cloth	22	5	19	1	27	20	7	.....
Lao—
Stick
Shell	3	.....	.....	.....	.....	.....	.....	.....
Leather, manufactured
Liquors—
Beer
Spirits
Wines
Metals—
Copper, unwrought
ditto
Brass, unwrought
ditto
Iron
Others
Oils—
Kerosine	146	.....	142	4	146	146	.....	.....
Castor
Cocconut
Others	175	.....	197	.....	196	197	79	.....
Oilseeds—
Linseed
Rape and mustard
Til or singelly
Poppy
Earth-nuts
Castor
Others
Opium
Paper and pasteboard
Provisions—
Ghee
Dried fruits and nuts
Others
Railway Plant and rolling-stock carried for the Public and Foreign Railways—
Locomotives, engines and tenders and parts thereof—
Carriages and trucks and parts thereof
Materials—
Steel rails and fish-plates, sleepers and keys of steel and cast iron.
Other sorts
Salt
Sulphate, &c.—
Sulphate
Other saline substances

(a) Includes Loco. coal 500 and nil tons during 1893 and 1892, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.
 (b) Railway plant and rolling-stock 123 and 100 tons for the years 1893 and 1892, respectively, for which no "Up" and "Down" register maintained.

STAPLES.	1893.		1892.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1893.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Silk, raw—								
Foreign	...	...	...	...	...	...	...	...
Indian	...	...	...	...	...	...	...	...
Silk piece-goods—								
Foreign	...	...	...	...	...	...	...	...
Indian	...	...	...	...	...	...	...	...
Spices—								
Betel-nuts	...	...	...	...	...	...	...	...
Pepper	...	...	...	...	...	...	...	...
Ginger	...	...	...	...	...	...	...	...
Chillies	...	...	...	...	...	...	...	...
Cardamoms	...	...	...	...	...	...	...	...
Others	...	...	...	...	...	...	...	...
Stone and lime	...	...	...	...	...	...	...	...
Sugar—								
Refined or crystallized, including sugar-candy.	...	...	...	...	...	...	...	...
Unrefined, viz., molasses and jaggery or gur, and other saccharine produce.	...	...	...	...	...	...	...	...
Tea—								
Foreign	...	...	...	...	...	...	...	...
Indian	...	...	...	...	...	...	...	...
Timber	...	...	...	...	...	...	...	...
Tobacco—								
Unmanufactured	...	...	...	...	...	...	...	...
Manufactured—								
Cigars	...	...	...	...	...	...	...	...
Other sorts	...	...	...	...	...	...	...	...
Wool, raw	...	...	...	...	...	...	...	...
Wool, manufactured—								
Piece-goods, European	...	...	...	...	...	...	...	...
Ditto, Indian	...	...	...	...	...	...	...	...
Shawls	...	...	...	...	...	...	...	...
All other articles of merchandise	...	...	...	...	...	...	...	...
Total	4,054	2,078	2,585	3,785	6,241	7,093	728	2,474

Statement of principal commodities carried on the Bengal Central Railway during the month of December 1893.

DECREASES.		Tons.
Coal and coke	...	957
No coal was carried for locomotive purposes during this month.		
Jute, raw	...	400
Jhikargacha, Nawapara, and Khulna show decreases under this head said to be due to the inferior quality of the crop.		
Sugar	...	325
The Tarapur sugar works have been in difficulties.		

J. SHAW,

for Examiner of Accounts.

CALCUTTA, the 5th March 1894.

[REGISTERED No. 29.]

No. 11 of 1894.



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CONTENTS.

	Page.		Page.
RAINFALL, Weather, and State and Prospects of the Crops	388	METEOROLOGICAL report of the Province of Bengal for the	
Statement showing the stocks of Rice in and around		week ending Saturday, the 10th of March 1894	408
Calcutta	392	Statement of Rainfall in Bengal for the week ending	
Results of the Barometrical and Thermometrical Obser-		Saturday (M.a.m.), the 10th of March 1894	408
vations taken at the Meteorological Office, Chow-		Vital Statistics of the District of Bengal for the month of	
ringhee, from 4th to 10th March 1894	393	January 1894	413
Meteorological Report of the Province of Bengal for the		Abstract statement showing Tollage on Canals in Bengal	
month of February 1894	394	classed as Major and Minor works for the month of	
Table of Rainfall recorded at Stations in Bengal for		January 1894	416
the month of February 1894	396	Circular and Eastern Canals for the Week ending	
Results of the Meteorological Observations taken at the		Saturday, the 10th March 1894	417
Alipore Observatory from 4th to 10th March 1894	405	East Indian Railway for the month of January 1894	418
		Weekly Return of Traffic Receipts on Indian Railways	419

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 10th March, 1894.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
Burdwan Divn.	1. Burdwan Mar. 10, '94	0.18	Weather—seasonable. Potatoes and <i>rabi</i> crops are being harvested. Sugarcane pressing going on. Fodder and water sufficient. Prices of common rice:— Srs. Burdwan ... 13 to 19½ Kalna ... 10 to 14 Katwa ... 14½ Raniganj ... 15½ } per rupee.
	Kalna ...	Nil	
	Katwa ...	0.50	
	Raniganj ...	Nil	
	2. Birbhum .. 10, '94	Nil	Disturbed weather in the beginning of the week and oppressively hot; now seasonable. <i>Rabi</i> crops ripe. Sugarcane pressing still going on, but the outturn is reported to be very low and as low as 5 annas in the Rampur Hât subdivision. Price of common rice 12 to 18 seers per rupee. Fodder and water for cattle available.
	Rampur Hât ...	0.07	
	3. Bankura .. 10, '94	0.07	Weather—days hot with cold mornings. Lands are being prepared for the next paddy sowing. Pressing of sugarcane still going. Harvesting of wheat completed. Fodder and water plentiful. Rice sells at— Srs. Sadar ... 17 Vishnupur ... 16½ } per rupee.
	Vishnupur ...	Nil	
	4. Midnapore .. 10, '94	Nil	Weather—seasonable. <i>Rabi</i> crops being gathered. Outturn good. <i>Boro</i> paddy doing well. Prices of common rice:— Srs. Sadar ... 15 Contai ... 16 Tamluk ... Not reported Ghatal ... 14 } per rupee.
	5. Hooghly .. 10, '94	0.18	The rain on Monday (5th) night has much cooled down the atmosphere. Sugarcane is being pressed. <i>Rabi</i> is being harvested. The recent rain will benefit the other crops on the ground. Fodder and water sufficient. Prices of common rice— Srs. Sadar ... 11 to 12 Serampore ... 11½ to 14 Jahanabad ... 14 to 16 } per rupee.
	Serampore ...	1.21	
	Jahanabad ...	0.80	
Paschim Divn.	6. Howrah .. 10, '94	0.69	Weather—seasonable, though occasionally cloudy. <i>Boro</i> rice progressing favourably, though a little more rain would be desirable. Condition of cattle good. Fodder and water-supply sufficient. Price of rice 13 to 14 seers per rupee.
	Uluberia ...	0.03	
	7. 24 Pargannas .. 10, '94	0.49	Weather—seasonable. <i>Boro</i> paddy wants more rain. The outturn of <i>rabi</i> crops is 10 annas. Condition of cattle good. Fodder and water sufficient. Rice sells at— Srs. ch. Sadar ... 10 to 14 0 Barnasat ... 11 14 Basirhat ... 13 14½ Diamond Harbour ... 13 2 } per rupee.
	8. Nadia .. 10, '94	0.06	Weather—hot with dry winds. <i>Rabi</i> harvest proceeding satisfactorily. Sugarcane being planted. Preparation of lands progressing, but rain required for tillage. Common rice sells at from 12½ to 13½ seers per rupee. Fodder and water sufficient.
	Kushtia ...	Nil	
	Meherpur ...	0.13	
	Choudanga ...	0.27	
	Ranaghat ...	Nil	
	9. Murshidabad .. 10, '94	0.09	Weather—seasonable. Harvesting of <i>rabi</i> crops going on. Mulberry and indigo promising. Fodder and water sufficient for cattle. Common rice sells at 14 seers per rupee.
	10. Jessore .. 10, '94	0.76	Weather—days hot, nights cool. The rainfall of the week has been beneficial to crops and ploughing. Harvesting of <i>rabi</i> crops going on. Fodder and water sufficient in all subdivisions except Jhenida, where the former is reported to be insufficient and the latter somewhat scarce. Prices of common rice— Srs. Sadar ... 11 Jhenida ... 11½ Magura ... 12 Narail ... 12½ Bangaon ... 10 to 12 } per rupee.
	Jhenida ...	0.87	
	Magura ...	0.30	
	Narail ...	3.17	
	Bangaon ...	0.16	
	11. Khulna .. 10, '94	0.73	Weather—seasonable; there was some rain on Monday (5th). Prospects of <i>boro</i> rice have improved owing to the rain. Land is being prepared for <i>aus</i> rice and <i>til</i> . Price of rice from 11 to 14 seers per rupee. Fodder and water sufficient.
	Bagerhat ...	0.80	
	Satkhira ...	1.08	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—consolid.			
RAJSHAHI DIV.	12 Rajshahi Nator Naugaon Mar. 10, '94	0.25 0.11 Nil	Weather—getting hot and occasionally cloudy. Prospects of existing <i>rabi</i> crops reported to be fair. Harvesting of mustard and pulses in progress. Rain is wanted. Condition of cattle good. No want of fodder and drinking water reported. Price of rice varies from 12 to 16 seers per rupee.
	13 Dinajpur Thakurgaon „ 10, '94	Nil Nil	Weather—warm during day time, but cool at night. Lands are being ploughed for <i>bhadoi</i> crop. Sowing of jute, <i>bhadoi</i> rice and sugarcane going on. Coarse rice selling at from 13 to 15 seers per rupee. No cattle-disease heard of. Supply of fodder and drinking water plentiful.
	14 Jalpaiguri „ 10, '94	Nil	Weather—seasonable. Preparation of lands for <i>bhadoi</i> paddy and jute continues. Harvesting of <i>rabi</i> crops almost completed. Price of common rice unchanged. Fodder and water sufficient.
	15 Darjeeling Siliguri „ 10, '94	0.12 0.16	Weather—bright and cold in the hills, growing warm by day in the Terai. In the hills:—Wheat and barley ripening. <i>Bhutta</i> , <i>phapur</i> and potatoes being planted. Lands being prepared for <i>marua</i> . In the Terai:—Ploughing going on. Prices of coarse rice— <div style="text-align: right;">Srs.</div> <div style="display: flex; justify-content: flex-end;"> <div style="text-align: right;">Hills 8 to 11</div> <div style="text-align: right;">Terai 12 to 13</div> </div> } per rupee.
	16 Rangpur Kurigaon Gaibanda Nilphamari „ 10, '94	Nil Nil Nil Nil	Weather—getting warmer. Sowings of <i>aus</i> paddy and jute have commenced. Price of rice 11 to 14 seers per rupee.
	17 Howra Sherpur Naukhila „ 10, '94	Nil Nil 0.36	Weather—seasonable. Lands are being prepared for <i>aus dhan</i> and jute. Prices steady. Fodder and water sufficient.
	18 Pabna „ 10, '94	0.27	Weather—warm and at times cloudy. There was slight rain at Sadar, but none at Sirajganj. Some rain is needed for <i>rabi</i> crops and sowing of <i>aus</i> . Price of common rice Rs. 3-4 to Rs. 3-8 per maund at Sirajganj and 11½ seers per rupee at Sadar; that of jute varies from Rs. 5-8 to Rs. 6 per maund. Fodder and water-supply sufficient.
	19 Dacca „ 10, '94	0.71	Weather—seasonable, but sometimes cloudy and rainy. The recent rain has done much good to the standing crops. Ploughing for sowing of rice and jute going on. Common rice selling at from 8 to 12 seers per rupee. Fodder available. There is want of drinking water in many places. No cattle-disease.
	20 Mymensingh „ 10, '94	Nil	Weather—warm in the day time. Prospects of standing crops good. Lands are being cultivated for <i>aus</i> paddy and jute. Common rice sells at 10 seers per rupee. Good drinking water is available except in some places in the Kishorganj subdivision. Fodder available.
	21 Faridpur Goalundo Madaripur „ 10, '94	0.21 0.35 5.03	Weather—seasonable. The copious rain at Madaripur has done much good to the crops. More rain is wanted at the Sadar, where the prospect of crops is not very favourable. Harvesting of <i>rabi</i> crops in Goalundo going on. Lands are being cultivated for sowing of <i>dhan</i> . Common rice selling as follows:— <div style="text-align: right;">Srs.</div> <div style="display: flex; justify-content: flex-end;"> <div style="text-align: right;">Sadar 11½</div> <div style="text-align: right;">Goalundo 12</div> <div style="text-align: right;">Madaripur 13</div> </div> } per rupee.
DACCA DIV.	22 Backergunge Pirojpur Bhola Patuakhali „ 10, '94	2.08 0.62 5.25 2.43	No cattle-disease reported. No want of fodder or water. Weather—seasonable. State and prospects of crops fair. Common rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient. Water for drinking and domestic purposes rather scarce in some parts of Sarupkati thana and Nazirpur outpost in Pirojpur subdivision.
	23 Tippera „ 10, '94	1.55	Weather—cool after the recent rain; apparently set fair. Crops and prospects much improved by recent rain. No cattle-disease. Fodder sufficient. Price of rice stationary.
	24 Noakhali „ 10, '94	0.26	Weather—cloudy and stormy. <i>Rabi</i> crops damaged by excessive rain. Ploughing for <i>aus</i> crop going on. Water and fodder sufficient. No cattle-disease. Price of common rice varies from 11 to 12 seers per rupee.
CHITTAGONG DIV.	25 Chittagong „ 10, '94	7.42	Weather—unsettled and rainy; fine since yesterday (9th). Standing crops damaged to some extent by the rain and hail-storm. Prices steady. Water and fodder sufficient.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR.			
26	Patna Bihar Barh	Mar. 10, '94	0-08 Nil 0-21
			Weather—getting hot; west wind blowing. <i>Rabi</i> crops are nearly all harvested, and a good outturn has been obtained. Collection of opium is in progress. Slight damage (about 2 annas) from blight is reported, but the season on the whole promises to be a good one. Prices of common rice— <div style="text-align: right;"> Srs. Sadar 17 Barh 14½ Bihar 19 </div> } per rupee.
27	Gaya Jahanabad Aurangabad Nawada	„ 10, '94	Nil 0-02 Nil Nil
			Weather—growing hot with high west winds in the beginning of the week. Harvesting of <i>rabi</i> crops progressing. Pressing of sugarcane almost finished. Collection of opium in progress; yield reported to be inferior in Tehta sub-agency and satisfactory in Gaya. Common rice sells at from 14 to 19 seers per rupee. Fodder and water-supply ample.
28	Shahabad Buxar Bhithur Samaran	„ 10, '94	Nil 0-09 0-10 Nil
			Weather—seasonable with strong west winds. Harvesting of <i>rabi</i> crops in progress. Sugarcane being planted. The yield of the poppy crop is less than what was expected.
29	Saran Siwan Gopalganj	„ 10, '94	Nil Nil 0-13
			Weather—seasonable with occasional strong west winds. Standing crops all doing well except poppy which is not quite so good in Sadar subdivision as before, while in Siwan sub-agency four annas destroyed by damp weather. A slight fall of hail in Gopalganj, but had caused no harm. Fodder and water plentiful. Prices of common rice— <div style="text-align: right;"> Srs. o. Chupra 14 8 Siwan 18 8 Gopalganj 14 9 </div> } per rupee.
30	Champaran	„ 10, '94	0-6
			West wind prevails during days; nights cool. Mustard being reaped. Other <i>rabi</i> crops ripening. Opium collection continues with good yield. Weather favourable to the standing crops. Prices of food-grains stationary.
31	Muzaffarpur Hajipur Sitamarhi	„ 10, '94	Nil Nil 0-04
			Weather—clear with westerly wind. Prospects of <i>rabi</i> crops good. Blight prevails throughout the district attacking the small and backward poppy plants and interfering with the flow of juice in the more forward plants. Mustard has suffered severely from blight, and in places will almost come to nothing. Health of cattle good. Fodder and water sufficient.
32	Darbhanga	„ 10, '94	Nil
			West winds prevailing; days getting warm. <i>Rabi</i> crops approaching maturity. Prospects continue favourable. Harvesting of mustard is nearly over. Extraction of opium going on. Blight has occurred throughout the district. Pressing of sugarcane in progress. Fodder and water for cattle sufficient. Prices rising.
33	Monghyr Begusarai Jamui	„ 10, '94	Nil Nil Nil
			Weather—getting warm. <i>Rabi</i> is being harvested; outturn estimated at from 10 to 12 annas. Condition of standing crops good. Lancing of poppy capsules going on. Keras and oilseeds are being harvested. No cattle-disease reported. Fodder and water-supply sufficient. Prices of common rice— <div style="text-align: right;"> Srs. Sadar 14 to 17 Begusarai 15 Jamui 15 </div> } per rupee.
34	Bhagalpur Banka Madhipura Supaul	„ 10, '94	Nil Nil Nil Nil
			Weather—hot days with strong west winds, cool at night. Prospects of crops continue good. Prices of common rice 16 seers 6 chitaks per rupee.
35	Purnea Kishanganj Araria	„ 10, '94	Nil Nil Nil
			Weather—getting hot; strong west winds at noon. Harvesting of mustard and tobacco is over. The outturn has been satisfactory. Other <i>rabi</i> crops doing fairly well. Ploughing for <i>bhadai</i> still continues. No cattle-disease. Water and fodder for cattle sufficient. Price of rice from 15 to 18 seers per rupee.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.															
BIHAR—consolid.																		
BHAGALPUR DIV.— <i>consolid.</i>	36 Malda Mar. 10, '94	Nil	Weather—days hot; nights cool. Transplanting of <i>boro</i> rice still going on. <i>Rabi</i> crops coming into maturity. <i>Lauda</i> being prepared for <i>bhadosi</i> crops. Ordinary rice selling at from 13 to 19½ seers per rupee. Fodder and drinking water sufficient.															
	37 Sonthal Parganas .. 10, '94	0.03	Weather—seasonable. <i>Rabi</i> crops doing well. Wheat and barley being cut in parts. <i>Boro</i> being sown in Rajmahal. Fodder and water sufficient. Price of common rice 13 to 18 seers per rupee.															
	Deoghur ...	0.08																
	Goida ...	Nil																
	Jamtara ...	0.05																
	Pakur ...	Nil																
Rajmahal ...	Nil																	
ORISSA.																		
ORISSA DIV.	38 Cuttack .. 9, '94	0.17	Weather—hot. Tobacco attaining maturity. <i>Dalua</i> and <i>jain moong</i> doing well. Common rice sells at— <table><tr><td></td><td>Srs. C.</td><td>Srs. C.</td></tr><tr><td>Sadar</td><td>10 8 to 16</td><td>7</td></tr><tr><td>Jajpur</td><td>14 8 to 17</td><td>2</td></tr><tr><td>Kendrapara</td><td>14 8 to 19</td><td>0</td></tr><tr><td>Bunki</td><td>17 10</td><td></td></tr></table> } per rupee.		Srs. C.	Srs. C.	Sadar	10 8 to 16	7	Jajpur	14 8 to 17	2	Kendrapara	14 8 to 19	0	Bunki	17 10	
		Srs. C.	Srs. C.															
	Sadar	10 8 to 16	7															
	Jajpur	14 8 to 17	2															
Kendrapara	14 8 to 19	0																
Bunki	17 10																	
39 Balasore .. 10, '94	0.09	Weather—cooler than last week. Ploughing retarded for want of rain. Price of coarse rice 18 seers per rupee.																
40 Puri .. 8, '94	Nil	Weather—seasonable. <i>Dalua</i> rice is thriving. Miscellaneous crops doing well. Cattle-disease reported from the interior. Price of common rice stationary.																
Khurda ...	0.03																	
CHOTA NAGPUR.																		
South-West Frontier Agency.																		
CHOTA NAGPUR DIV.	41 Hazaribagh Mar. 10, '94	Nil	Weather—seasonable. Fields are still being ploughed for sugarcane. <i>Makua</i> in flowers. <i>Rabi</i> doing well. About 8 annas of opium gathered; exudation of juice reported not very free.															
	Girdi ...	Nil																
	42 Lohardaga .. 10, '94	Nil	Weather—seasonable. Ploughing continues. Prospect of wheat and barley continues favourable. Common rice selling at 16 seers per rupee. Fodder and water plentiful.															
	43 Palamu .. 9, '94	Nil	Weather was cloudy and a little rain fell in some parts, but it has now cleared away, and the days are getting sensibly hotter. <i>Rabi</i> crops are being cut with a fair outturn. Rice selling at from 15 to 18 seers per rupee. Water-supply sufficient. Fodder is getting scantier as usual at this time of year.															
	44 Manbhum .. 10, '94	Nil	Weather—mornings and evenings still cool. There is very little on ground now. Prospect of <i>makua</i> so far good. Rice selling at from 12 to 18 seers per rupee.															
Gobindpur ...	Nil																	
45 Singhbhum .. 10, '94	0.03	Traces of rain only. The weather, however, becomes cloudy daily in the afternoon. Gram, <i>masuri</i> , cotton, <i>rakar</i> and wheat are being harvested with an outturn from 12 to 16 annas, except in the Kolben, where it is estimated at 8 annas. No cattle-disease reported this week. Prices of common rice from 10 to 16 seers per rupee.																

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 13th March, 1894.

C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED BY—

NAMES OF MARKS.	1st week of March 1893.	1st week of April 1893.	1st week of May 1893.	1st week of June 1893.	1st week of July 1893.	1st week of August 1893.	1st week of Sept. 1893.	1st week of Oct. 1893.	1st week of Nov. 1893.	1st week of Dec. 1893.	1st week of Jan. 1894.	1st week of Feb. 1894.	1st week of March 1894.
Bellachata	Mds. 6,19,000	Mds. 9,04,000	Mds. 13,32,000	Mds. 11,73,000	Mds. 10,31,000	Mds. 8,67,000	Mds. 8,07,000	Mds. 7,10,500	Mds. 4,83,000	Mds. 4,11,000	Mds. 2,19,000	Mds. 6,07,000	Mds. 6,08,000
Uttadanga	99,500	1,06,500	1,15,000	1,17,500	1,19,700	65,000	65,000	61,300	53,300	45,400	42,000	53,700	54,500
Chittr, Golabara, Kumar- tolly, Halkola, and Oulpi Ghat.	6,54,500	6,40,600	6,43,000	6,08,000	6,63,300	6,64,500	6,64,500	7,06,700	6,51,600	4,77,000	6,42,100	5,60,000	6,43,000
Pethurachatta, Posta, and Jorabagan.	2,500	2,000	2,000	2,500	2,000	2,500	2,500	3,000	2,000	1,500	2,000	2,500	2,000
Tollymore, Chella, Kildorpore, and Munebranj.	1,46,400	1,66,700	1,65,300	1,70,300	1,53,300	1,31,800	1,31,000	1,17,600	1,06,000	97,600	1,10,300	1,30,900	1,34,800
21 Minor bears (estimated)...	2,44,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 2,120 in number (estimated)...	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000
Baidyabati, Kowabansaj, Rha- sraethwar, and Chandernagore.	76,300	6,000	6,319	42,577	20,276	43,300	26,720	10,944	17,344	19,256	17,037	19,190	41,875
Total	20,39,200	22,13,403	27,42,619	26,61,777	24,90,573	23,37,400	22,57,660	20,90,944	17,77,244	15,41,756	16,23,067	18,03,993	20,39,875
On Railway premises on both sides of the river.	22,643 (on 3rd March 1893.)	23,773 (on 3rd April 1893.)	10,934 (on 3rd May 1893.)	11,512 (on 3rd June 1893.)	8,985 (on 3rd July 1893.)	12,907 (on 3rd August 1893.)	18,819 (on 3rd Sept. 1893.)	21,127 (on 3rd Oct. 1893.)	8,983 (on 3rd Nov. 1893.)	19,250 (on 3rd Dec. 1893.)	42,034 (on 3rd Jan. 1894.)	38,003 (on 3rd Feb. 1894.)	21,835 (on 3rd March 1894.)
On boats un- loaded ...	41,298 (1st to 3rd March 1893.)	25,720 (1st to 3rd April 1893.)	31,379 (1st to 3rd May 1893.)	19,601 (1st to 3rd June 1893.)	13,314 (1st to 3rd July 1893.)	26,451 (1st to 3rd August 1893.)	23,091 (1st to 3rd Sept. 1893.)	30,729 (1st to 3rd Oct. 1893.)	32,826 (1st to 3rd Nov. 1893.)	35,114 (1st to 3rd Dec. 1893.)	50,835 (1st to 3rd Jan. 1894.)	64,956 (1st to 3rd Feb. 1894.)	64,956 (1st to 3rd March 1894.)
By Canal returns	1,99,575 (1st to 3rd March 1893.)	76,791 (1st to 3rd April 1893.)	34,169 (1st to 3rd May 1893.)	7,616 (1st to 3rd June 1893.)	14,025 (1st to 3rd July 1893.)	19,767 (1st to 3rd August 1893.)	31,941 (1st to 3rd Sept. 1893.)	34,223 (1st to 3rd Oct. 1893.)	13,591 (1st to 3rd Nov. 1893.)	11,339 (1st to 3rd Dec. 1893.)	51,134 (1st to 3rd Jan. 1894.)	1,45,399 (1st to 3rd Feb. 1894.)	66,413 (1st to 3rd March 1894.)
Grand total of Stocks	29,31,766	24,29,746	26,09,100	27,00,605	24,27,379	24,16,636	23,31,501	21,64,901	18,32,274	16,07,689	17,67,790	21,01,166	21,77,192
Probable stock available for exportation by sea.	13 lakhs	12½ lakhs	17½ lakhs	16½ lakhs	14½ lakhs	13½ lakhs	13½ lakhs	11 lakhs	7½ lakhs	5½ lakhs	7 lakhs	10½ lakhs	11½ lakhs

STATISTICAL DEPARTMENT,
The 12th March, 1894.C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office. Chowringhee, from 4th to 10th March 1894

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE.					HYGROMETRY.			Rainfall, past 24 hours.	
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.		Humidity at 10 A.M.
		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
March	4th	29.793	84.6	95.0	20.9	74.1	86.2	75.1	.723	69.5	58	Nil
"	5th	.727	83.0	96.0	18.2	74.8	85.6	78.0	.858	74.6	70	...
"	6th	.799	76.9	84.9	16.0	68.9	80.1	64.6	.403	53.0	40	0.54
"	7th	.860	79.6	86.4	13.6	72.8	77.6	68.6	.580	68.1	61	...
"	8th	.897	79.0	89.0	20.1	68.8	82.1	65.1	.393	52.2	86	...
"	9th	.946	78.2	91.5	30.6	60.9	83.6	63.6	.322	46.9	28	...
"	10th	.912	78.2	89.0	21.7	67.3	81.4	74.6	.762	71.1	71	...

										Inches.
The mean 10 A.M. pressure of the seven days										29.848
The mean temperature of the seven days										79.8
The extreme variation of temperature										34.1
The maximum temperature										95.0
The mean 10 A.M. relative humidity of the seven days										62
The total fall of rain from 4th to 10th March 1894										Inch. 0.54
The daily mean-temperatures are the crude means of maximum and minimum temperatures.										

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
Th 12th March 1894.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS
TAKEN IN ASSAM, FOR THE MONTH OF FEBRUARY 1894.**

The most important features in the meteorology of Bengal and Assam in February have been :—

1. The mean pressure for the month has been in very slight excess of the normal except perhaps at two or three stations in South-East Bengal. In the great majority of cases the excess has been small, varying between 0.01° and 0.02° , and it appears to have been fairly equally distributed over the provinces of Bengal and Assam. So far, however, as can be judged from the readings of Darjeeling, it would appear that the excess pressure has been largest in the upper strata of the atmosphere, for at that station the excess has equalled 0.058° .

2. Temperature has been in excess of the normal practically throughout the month, and the average mean temperature for the period has been in excess by from about 4° in the North and North-East of Bengal and in the neighbouring parts of Assam to about 1° to 2° in South Bengal and Orissa. In the east of Assam the excess has equalled rather less than 3° . For the whole of Bengal the excess has averaged 3.1° , while in Assam the excess has been 3.5° .

3. Humidity has on the whole been very decidedly larger than usual, for excess amounts (ranging up to 25 per cent. of saturation more than usual at Gaya) have been registered at more than three-fourths of the stations in Bengal and Assam. Indeed, in Assam every station reports humidity higher than usual. The few stations which report slightly defective humidities are in Orissa and parts of South-West Bengal.

4. Cloud proportion has been higher than usual at practically all stations, and the excess over certain districts of Bihar, Chota Nagpur and East Bengal has been large.

5. The prevalent wind direction has been westerly in the west of the province, north-westerly in the central and southern portions, and northerly and north-easterly at the eastern stations. In Assam winds have been variable, as a general north-easterly wind has been reported at Sibsagar and a south-westerly wind at Silchar.

6. The number of barometric depressions coming from Western and North-Western India and affecting Bengal in February has been small, and those which have occurred have been of comparatively little importance. A feeble depression affected the province and gave rain in Bihar and North Bengal on the 2nd and 3rd. A second depression coming from Western India affected Bengal on the 8th, 9th and 10th, and again gave moderate rain in Bihar. Later on a feeble low-pressure area was formed over Bengal, and conditions became disturbed, and during the week ending the 24th rather numerous local storms occurred, most of them of the ordinary hot-weather type, which gave light to moderate rain over the greater part of the provinces of Bengal (except Orissa) and also in Assam. These disturbed conditions continued in East and North Bengal, and in parts of Chota Nagpur till the close of the month, but in other districts the disturbances ceased from about the 24th.

7. Owing to the disturbances being smaller in number and less influential than usual, rainfall has been smaller than the normal in all divisions of Bengal except Bihar and Chota Nagpur. The average falls have indeed in all cases been less than an inch, and in Orissa and South-West Bengal they have been particularly defective.

Meteorology of the month.—At the close of January weather was of ordinary north-east monsoon character over Bengal, but on February 1st a feeble form of barometric disturbance was advancing across Central India in an easterly direction, and on the 2nd light showers began to be reported in Bihar. On the 3rd the disturbance had apparently moved again in an easterly direction and rain extended from Bihar to North Bengal, while at Gnatong a rather heavy snow-storm was reported. In the rear of the disturbance, however, pressure rose rapidly, and weather again became fine and settled for some days, while temperature generally fell rather rapidly.

On the 6th weather continued settled in Bengal and temperature was still falling, but over Western and North-Western India conditions had become decidedly unsettled, and a shallow storm was shown over the Western Desert, Guzerat and the North Konkan. On the 7th this barometric depression had drifted slowly in an easterly direction, and the centre was near Khandeish. Pressure, however, was rising in Bengal, but the effect of the advancing depression was shown in the rather rapid increase of temperature, which was reported on this day, and at several of the western stations the mean temperature was 5° and 6° higher than the normal. On the 8th the shallow depression had filled up to a considerable extent, and had again moved in an easterly direction, and was lying over the west of the Central Provinces. It was, however, sufficiently near to affect Bengal considerably, and numerous rain showers were reported in Bihar on the morning of the 8th, while temperature had again risen rapidly, the increase in the mean temperature at several stations equalling about 5° . Owing to the filling up of the depression, however, pressure was increasing in Bengal on this day. On the 9th the depression had apparently again advanced in an easterly direction, but it was very slight and scarcely traceable. The pressure changes in Bengal were irregular, while temperature had again risen except at some of the western stations, and had become above the normal by about 5° over a large part of the Province. Rain was again reported over a

considerable part of Bihar on the morning of the 9th, showing the continued influence of the depression. On the 10th the depression was over Bengal, and at many stations in the centre and north-east of the Province a fall of pressure exceeding a tenth of an inch was reported, but the wind system was very little influenced by the depression, and the position of its centre can scarcely be stated. Temperature continued unusually high in connection with the depression, and was from about 4° to 8° in excess. A few showers were also reported from Bihar on this day.

From the 11th the depression had entirely passed away from Bengal and a period of fine settled weather commenced, which lasted only up till the 17th, when owing to a continued fall of pressure, an area of comparatively low pressure almost amounting to a feeble barometric depression, existed over all districts of Bengal except Bihar and Chota Nagpur. With this pressure distribution winds became southerly over the southern half of the Province, bringing up much moisture and causing temperature to become very largely above the normal. On the 18th the feeble depression had slightly intensified and had moved in an easterly direction, and for several days pressure conditions were very unusual. Accompanying this depression a period of disturbance set in which continued for several days, and in most districts from about the 18th to the 24th and up till the close of the month in East and North Bengal, local storms with rain were numerous. Hence during the last ten days of the month weather was more of hot-season type with moist southerly winds, nor' westers, and high temperature, etc., in many districts, rather than of ordinary north-east monsoon type.

Pressure.—The mean pressure for the month has varied from 30.027 inches at Sibesar and about 30 inches in the west of Bihar to 29.97 inches in Orissa, so that the differences of pressure have been slight only. Pressure for the month has been above the normal by from about 0.01 inch to 0.02 inch at the great majority of stations, but very slightly defective pressures have been registered at Dacca, Burrisal and Noakhali. The largest excess has been 0.058 inch at Darjeeling, pointing probably to the fact that the excess pressure has been to a great extent confined to the upper layers of the temperature.

Temperature.—The mean for the month in Bengal and Assam has been between 3° and 3.5° above the normal for the period. The major part of this excess has been experienced in the night, or minimum, temperatures, which have been in excess by from nearly 7° at Motihari to about 1° to 2° in the extreme south of Bengal. In the maximum, or day, temperature the excess has varied from between 1° and 2° in South Bengal and over a large part of Bihar to about 3° in the centre and north-east of the province.

The following table shows the variation of the average maximum, minimum and mean temperature, week by week, during February at nine typical stations in the Province from the normal values for the same period, and in this table the unusually large excess in the night temperature will again be seen:—

STATIONS.	WEEK ENDING 3RD FEBRUARY 1894.			WEEK ENDING 10TH FEBRUARY 1894.			WEEK ENDING 17TH FEBRUARY 1894.			WEEK ENDING 24TH FEB- RUARY 1894.			WEEK ENDING 3RD MARCH 1894.		
	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.
Cuttack ...	+3.1	+2.6	+2.7	+0.6	+1.3	+1.0	+3.6	+1.1	+2.3	+2.0	+3.1	+2.1	-0.4	+1.5	+0.8
Calcutta ...	+1.9	+0.3	+1.3	+0.0	+0.7	+0.8	+4.0	+3.2	+3.1	+2.8	+3.3	+3.1	+0.7	+3.0	+1.9
Dacca ...	+1.3	+0.9	+1.1	+2.3	+3.1	+2.7	+4.7	+5.0	+5.2	+4.1	+4.3	+4.2	-3.1	+1.7	-0.7
Burdwan ...	+1.9	+0.4	+1.1	+0.5	+3.0	+1.8	+3.4	+2.0	+3.1	+0.8	+4.2	+2.5	-0.3	+3.3	+1.8
Pates ...	-0.1	+3.5	+1.7	-3.1	+0.8	+1.7	+2.4	+5.7	+4.1	+1.7	+5.3	+3.5	-1.1	-3.4	-3.3
Gaya ...	+1.5	+1.0	+1.3	-0.3	+3.8	+1.7	+2.8	+2.0	+2.8	+1.4	+2.1	+1.7	-1.1	+2.0	+0.5
Purnea ...	-0.1	+2.7	+1.4	-0.3	+0.7	+3.2	+3.0	+3.0	+4.8	+2.4	+5.8	+4.1	-5.1	+3.9	-0.8
Hazariabagh ...	+3.6	+1.4	+2.5	+2.6	+2.2	+2.5	+5.4	+3.1	+4.2	+1.4	+5.0	+2.2	-0.1	+2.1	+1.0
Darjeeling ...	-0.7	+2.0	+0.7	+4.6	+6.8	+5.7	+8.0	+7.4	+8.0	+3.0	+5.7	+5.3	-4.1	-1.3	-2.7

Rainfall.—The average falls in the different divisions have been small. East Bengal, Chota Nagpur, Bihar and South-West Bengal have received falls between half and one inch, North Bengal about a third of an inch, and Orissa only about a sixth of an inch. The falls in Chota Nagpur and Bihar have been heavier than usual in February, and those in East Bengal only slightly below the normal. In North Bengal the defect has been large, and in South-West Bengal and Orissa very large.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of February 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.						
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th Oct. 1883.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
South-West Bengal	97·3	47·2	84·5	61·1	72·8	+2·5	0·58	1·05	-0·47	1·30	1·00	-0·30	3·70	3·76
North Bengal	80·2	50·4	61·2	57·1	60·1	+4·3	0·37	0·68	-0·21	1·04	1·26	-0·22	3·53	3·81
East Bengal	90·6	49·1	63·0	60·1	71·0	+3·3	0·90	1·03	-0·13	1·80	1·67	+0·13	5·03	4·79
Bihar	91·4	45·5	70·5	57·5	68·5	+3·2	0·70	0·43	+0·27	1·71	1·10	+0·61	5·10	5·30
Orissa	98·3	55·5	56·3	66·2	70·2	+1·9	0·17	0·91	-0·74	0·47	1·47	-1·00	5·41	5·66
Chota Nagpur*	96·0	50·2	82·7	57·0	70·3	+3·3	0·74	0·67	+0·07	1·82	1·33	+0·49	3·33	2·75
Assam	87·5	49·2	60·2	57·6	68·0	+3·5								

* Daltonganj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 13th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY,
THE 10TH OF MARCH 1894.**

DURING almost the whole of the previous week conditions had been rather disturbed in Bengal, and numerous local storms had occurred. On the 4th instant, or the first day of the week under review, pressure was rising slowly over the province, the rise being rather brisk at the northern and north-eastern stations, and though pressure was still largely in defect, conditions became somewhat more settled, and only a few local storms were reported in East Bengal. On the 5th pressure fell briskly, particularly in South-West Bengal and Orissa, and the depression over Bengal increased in depth, the defect at many stations exceeding 0.25". A few local storms were again reported on the 5th, but on the 6th they had become decidedly more numerous, and had extended over a large part of South-West Bengal, where pressure had risen on this date, though it was still falling in the north and east of the province. On the 7th the depression which had so long existed over Bengal began to fill up, and pressure increased by amounts varying up to nearly a fifth of an inch at some of the stations in North Bengal, and this increase continued, but to a very small extent on the 8th, when pressure was still in defect over a large part of the province by nearly a tenth of an inch. Up to this date local storms continued to be reported in the eastern districts, but elsewhere it was fine. On the 9th pressure continued to increase in Bengal, and an extension of westerly and north-westerly winds took place and weather became much more settled, but on the 11th pressure was commencing to fall, and was again in slight to moderate defect, and moist southerly winds were setting in from the Bay over the southern portion of Bengal, so that conditions were again becoming more favourable for interaction and for the production of local storms. For the greater part of the week therefore it will be seen a distinct barometric depression has existed over Bengal and has given slightly disturbed weather, so that local storms have again occurred, and as usual these have been most numerous and have given the heaviest rainfall in the eastern districts.

Pressure—Has been largely below the normal in all districts, the average defect for the week equalling from 0.14" to 0.16."

Temperature.—The mean temperature of the whole province has been 1.2° above the normal, but the excess has been rather unequally distributed, and in Orissa it has equalled 3.1°, while in South-West Bengal and Chota Nagpur it has been between 1.5° and 2.5°.

The actual temperatures registered during the week, and their variations from the normal temperature for the present season, are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the Province are compared with the normal values for the same period. The day or maximum readings for the week have indeed shown a slightly lower temperature than usual, and the defect at the nine stations in the maximum or day temperature has equalled 1.3°, while in the night or minimum temperature the excess has averaged 1.2°:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 10th of March 1894.

	Normal mean maximum temperature for the week ending 10th March.	Actual mean maximum temperature for the week ending 10th March 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 10th March.	Actual mean minimum temperature for the week ending 10th March 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 10th March.	Actual mean daily temperature for the week ending 10th March 1894.	Variation of actual mean from the normal.
Cuttack	95.3	96.8	+1.5	70.1	73.6	+3.5	82.7	85.2	+2.5
Calcutta	88.0	89.0	+1.0	66.6	69.5	+2.9	77.0	79.3	+2.3
Chittagong	86.2	81.3	-4.9	65.1	67.2	+2.1	75.7	74.3	-1.4
Burdwan	90.6	90.9	+0.3	64.9	67.6	+2.7	77.8	79.2	+1.4
Ratna	87.1	84.0	-3.1	60.0	60.0	0.0	73.5	72.5	-1.0
Gaya	87.0	87.9	+0.9	62.5	62.2	-0.3	74.1	75.1	+1.0
Purnea	87.3	85.0	-2.3	66.7	67.7	+1.0	72.0	71.4	-0.6
Bazaribagh	84.6	84.8	+0.2	60.5	62.2	+1.7	72.6	73.5	+0.9
Darjeeling	55.3	51.5	-3.8	41.3	38.9	-2.4	48.6	45.2	-3.4

Rainfall.—East Bengal has received an average fall of 1.73 inches or nearly five-times as much as usual, and South-West Bengal has received an average fall of 0.34 inch or slightly more than the usual amount. In all other cases, except Orissa, the falls have been very small, but Orissa has received an average of a fifth of an inch or nearly the normal amount for the week. Elsewhere the falls have been so small as to have been of no importance.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 10th of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1893.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
South-West Bengal	100.3	56.5	80.8	68.1	79.4	+2.2	0.34	0.28	+0.06	0.59	0.49	+0.10	0.43	0.50	3.05	4.67
North Bengal	91.7	51.6	65.6	59.5	72.6	+0.3	0.63	0.18	-0.15	0.09	0.24	-0.25	0.19	0.29	2.70	3.38
East Bengal	86.7	55.3	63.7	58.3	75.3	+1.1	1.73	0.47	+1.26	1.76	0.97	+1.09	4.23	0.81	9.34	5.08
Bihar	93.1	60.9	66.3	59.9	73.3	+0.3	0.08	0.15	-0.13	0.35	0.31	-0.28	0.16	0.19	3.00	3.79
Orissa	101.2	63.1	69.3	73.9	81.6	+3.1	0.30	0.28	-0.08	0.47	0.47	0	0.20	0.36	5.90	6.38
Chota Nagpur*	69.2	58.0	54.7	61.7	75.3	+1.5	Nil	0.22	-0.23	0.30	0.36	-0.26	0.03	0.43	3.92	3.44

* Daltonganj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 13th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Vital Statistics of Towns in Bengal with a population of 20,000 and over during the month of January 1894.

DISTRICTS.	TOWNS.	DEATHS.										BIRTHS.		Population under registra- tion.	REMARKS.						
		CHOLERA.					SMALL-POX.		FEVER.		DYSENTERY AND DIARRHEA.		INFANT.			OTHER CAUSES.		TOTAL OF ALL CAUSES.			
		Number regis- tered.	Ratio per 1,000 of population.	Number regis- tered.	Ratio per 1,000 of population.	Number regis- tered.	Ratio per 1,000 of population.	Number regis- tered.	Ratio per 1,000 of population.	Number regis- tered.	Ratio per 1,000 of population.	Number regis- tered.	Ratio per 1,000 of population.			Number regis- tered.	Ratio per 1,000 of population.	Number regis- tered.	Ratio per 1,000 of population.	Number regis- tered.	Ratio per 1,000 of population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Burdwan	1 Burdwan	54,477	77	26.76	29	13.56	...	...	101	34.04	29	10.06	...	...	23	7.92	193	66.72	110	38.24	38.24
	2 Midnapore	32,514	71	26.40	22	8.16	...	...	48	14.19	23	8.52	...	...	25	8.24	119	44.16	75	27.54	27.54
	3 Hoochly and Chinsura	33,010	100	34.24	14	8.04	...	...	73	28.40	41	14.88	...	...	36	12.96	163	89.88	122	44.92	44.92
	4 Howrah	35,302	160	20.64	4	1.12	...	...	9	2.98	58	19.52	...	...	12	3.96	171	27.00	108	35.60	35.60
Howrah	5 Cossimbazar-Chitpur	110,006	181	16.60	63	6.36	...	...	79	8.04	107	10.52	...	...	30	5.00	287	29.52	227	23.52	23.52
	6 Manikgala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	7 Kanchikuli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	8 South Suburban	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24-Parganas.	9 Khosla or South Bar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	10 Kanchikuli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	11 Kanchikuli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	12 Kanchikuli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calcutta	13 Kanchikuli or North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	14 Barnackpore.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	15 Calcutta	28,400	70	39.96	...	...	...	...	97	40.99	...	...	...	...	...	...	...	...	...	...	...
	16 Nadia	30,437	93	36.40	14	6.40	...	...	115	48.27	...	...	...	...	...	...	...	...	...	...	...
Murshidabad	17 Santur	33,176	60	23.16	1	2.4	...	...	107	36.00	...	...	...	...	...	...	...	...	...	...	...
	18 Murshidabad City	23,115	40	20.40	...	...	...	...	63	32.04	...	...	...	...	...	...	...	...	...	...	...
	19 Kempur Boalia	21,407	46	26.60	...	...	...	...	61	31.56	...	...	...	...	...	...	...	...	...	...	...
	20 Srirangaj	23,897	46	26.60	...	...	...	...	73	31.56	...	...	...	...	...	...	...	...	...	...	...
Chittagong	21 Dacca	82,821	271	29.24	13	1.80	...	...	182	27.26	...	...	...	...	...	...	...	...	...	...	...
	22 Chittagong	24,769	402	16.44	10	4.99	...	...	203	10.92	...	...	...	...	...	...	...	...	...	...	...
	23 Faria City	47,113	104	29.16	2	1.2	...	...	89	17.52	...	...	...	...	...	...	...	...	...	...	...
	24 Bihar	31,193	124	39.40	...	...	...	...	54	17.52	...	...	...	...	...	...	...	...	...	...	...
Patna	25 Patna	48,479	124	39.40	...	...	...	...	164	24.76	...	...	...	...	...	...	...	...	...	...	...
	26 Gaya	49,382	124	39.40	...	...	...	...	61	16.04	...	...	...	...	...	...	...	...	...	...	...
	27 Bhagalpur	48,479	124	39.40	...	...	...	...	88	30.60	...	...	...	...	...	...	...	...	...	...	...
	28 Bhagalpur	48,479	124	39.40	...	...	...	...	30	6.24	...	...	...	...	...	...	...	...	...	...	...
Bihar	29 Bhagalpur	48,479	124	39.40	...	...	...	...	47	21.29	...	...	...	...	...	...	...	...	...	...	...
	30 Bhagalpur	48,479	124	39.40	...	...	...	...	1-4	25.29	...	...	...	...	...	...	...	...	...	...	...
	31 Bhagalpur	48,479	124	39.40	...	...	...	...	38	21.19	...	...	...	...	...	...	...	...	...	...	...
	32 Bhagalpur	48,479	124	39.40	...	...	...	...	188	24.19	...	...	...	...	...	...	...	...	...	...	...
Bihar	33 Bhagalpur	48,479	124	39.40	...	...	...	...	65	19.45	...	...	...	...	...	...	...	...	...	...	...
	34 Bhagalpur	48,479	124	39.40	...	...	...	...	117	18.48	...	...	...	...	...	...	...	...	...	...	...
	35 Bhagalpur	48,479	124	39.40	...	...	...	...	34	8.64	...	...	...	...	...	...	...	...	...	...	...
	36 Bhagalpur	48,479	124	39.40	...	...	...	...	17	9.78	...	...	...	...	...	...	...	...	...	...	...
Bihar	37 Bhagalpur	48,479	124	39.40	...	...	...	...	35	13.68	...	...	...	...	...	...	...	...	...	...	...
	38 Bhagalpur	48,479	124	39.40	...	...	...	...	36	15.36	...	...	...	...	...	...	...	...	...	...	...
	Total of all towns with a population of 20,000 and over.	1,388,42	3,004	30.96	182	1.96	4	0.2	2,276	19.32	529	4.44	41	2.4	923	7.99	3,943	33.96	2,786	24.00	24.00
	Average of the corre- sponding month of previous five years.	...	Complete average figures of past five years are not available.	...	140	1.40	72	0.80	1,574	21.76	385	3.19	46	3.6	798	6.84	2,786	32.00	...	...	...
Difference + or -		...	...	...	+58	+36	-68	-08	+83	+7.66	+104	+1.39	-1	-1.9	+123	+1.08	+1,180	+9.80	...	...	...

Revised and re-
ferred up to date.

W. H. GREGG, Surgeon-Lieut.-Col., Dip. Publ. Health, Camb.,
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 10th March 1894.

Supplementary Vital Statistics of Districts and of Towns in Bengal for December 1893 received too late for publication with the figures of that month on the 3rd February 1894.

DIVISION.	Districts.	BIRTHS.		DEATHS.										AVERAGE OF CORRE- SPONDING MONTHS OF PREVIOUS FIVE YEARS.						
		Population under registra- tion.	Number registered.	Ratio per 1,000 of population per annum.	CHOLERA.		SMALL-POL.		FEVER.		DYSENTERY AND DIARRHÆA.		INJURY.		OTHER CAUSES.		TOTAL OF ALL CAUSES.			
					Number regis- tered.	Ratio per 1,000 of population per annum.	Number regis- tered.	Ratio per 1,000 of population per annum.	Number regis- tered.	Ratio per 1,000 of population per annum.	Number regis- tered.	Ratio per 1,000 of population per annum.	Number regis- tered.	Ratio per 1,000 of population per annum.	Number regis- tered.	Ratio per 1,000 of population per annum.	Number regis- tered.	Ratio per 1,000 of population per annum.	Number regis- tered.	Ratio per 1,000 of population per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Pro- vian- c ial	Midnapore ..	2,631,516	7,964	33.19	784	3.48	11	.04	5,824	26.59	225	1.04	3	.02	1,335	6.00	8,302	37.32	7,988	33.19
	Howrah ..	1,884,837	7,311	45.72	1,113	7.08	...	...	12,577	79.80	30	.12	3	.13	663	4.50	11,435	61.68	9,683	51.39
	Calcutta ..	4,520,543	14,475	38.40	1,921	5.04	11	.03	15,401	48.84	255	.06	62	.19	2,100	5.28	22,640	6.00	16,941	44.88
	Total ..	71,001,619	233,619	40.44	34,606	6.12	311	.08	153,201	32.52	4,923	.72	1,257	.19	30,715	6.12	213,278	46.08	168,147	33.00
	Average of corresponding month of previous five years.	.....	Not available, as birth registration in rural areas was only intro- duced from 18.92.	.....	15,826	3.64	803	.12	146,134	24.60	4,775	.72	1,166	.19	27,441	4.36	196,147	33.00	.....	.....
Difference + or -		.....	.....	.....	+30,778	+3.48	-202	-.04	+47,137	+7.92	+133	Equal.	+91	Equal.	+9,574	+1.56	+77,131	+13.08	.....	.....
Districts.	Towns.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1 Midnapore ..	32,254	63	23.40	3	.10	.....	.....	64	23.56	31	11.59	1	.36	.....	9.24	124	44.08	28	23.36
	2 Howrah ..	83,060	114	41.28	7	2.52	.....	.....	143	61.84	32	11.52	2	.72	.....	19.20	2.7	13.82	154	66.10
	3 Calcutta ..	63,824	177	32.40	10	1.80	.....	.....	307	37.92	63	11.52	3	.48	78	14.28	351	66.24	246	44.76
	TOTAL ..	2,393,881	5,543	28.56	312	1.80	14	.07	4,781	24.36	127	6.12	65	.36	1,957	10.08	8,373	43.08	5,223	27.36
Total of all towns with a population of 20,000 and over.		.....	Complete figures of last five years are not avail- able.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average of corresponding month of previous five years.		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Difference + or -		.....	.....	.....	-154	-.84	-27	-.05	+2,323	+12.00	+515	+2.04	+3	Equal.	+300	+2.04	+3,030	+15.72	.....	.....

OFFICE OF SANIT. COMDR. FOR BENGAL, W. H. GREGG, Surgn.-Lieut.-Col., Dip. Publ. Health, Camb.,
The 10th March 1894. Sanitary Commissioner for Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of January 1894, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1893-94.			TOLLAGE, 1892-93.		
	During the month.		To end of the month.	During the month.		To end of the month.
<i>Orissa Circle.</i>	Rs.	A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Taldanda Canal System	739	10 11	11,147 3 0	152 2 7	5,702 15 8	
Kendrapara ditto	7,967	14 11	69,104 5 2	7,415 5 5	54,708 5 3	
High Level, Range I	1,006	0 0	11,942 6 9	1,478 15 6	11,275 2 6	
Ditto, " II	333	14 4	2,710 4 1	378 9 6	2,247 4 9	
Ditto, " III	173	5 0	1,651 9 3	173 2 3	1,226 10 4	
Jajpur Canal	45	5 3	336 6 1	51 9 0	214 2 0	
Total Orissa Circle	10,208	2 5	96,892 2 4	9,649 12 3	75,374 8 6	
<i>South-Western Circle.</i>						
Midnapore Canal	14,005	11 6	91,525 2 3	8,136 0 3	94,146 6 9	
Hijili Tidal Canal	3,961	5 9	46,450 6 0	3,104 4 0	40,891 8 3	
Total South-Western Circle	17,967	1 3	1,37,475 8 3	11,240 4 3	1,35,037 14 3	
<i>Sone Circle.</i>						
Patna Canal System	2,104	6 0	17,698 10 3	1,159 15 0	17,115 4 9	
Arrah ditto	1,250	3 0	15,665 2 7	1,115 2 6	14,465 12 9	
Buzar ditto	613	4 6	5,881 0 8	532 4 3	8,254 7 9	
Total Sone Circle	3,997	13 6	39,244 13 6	2,807 5 9	39,835 9 3	
GRAND TOTAL	32,173	1 1/2	2,74,112 8 1	23,697 6 3	2,50,248 0 0	

Government Transport Service.

CANAL.	TOLLAGE, 1893-94.						TOLLAGE, 1892-93.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passengers.	Goods.	Total cepta.	Passengers.	Goods.	Total cepta.	Passengers.	Goods.	Total cepta.	Passengers.	Goods.	Total cepta.
<i>Orissa Circle.</i>	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level	1,933	835	1,891 6 6	20,220	0.507	10,068 12 4	2,114	913	2,086 11 6	14,067	12,161	14,477 4 10
Total Orissa Circle	1,933	835	1,891 6 6	20,220	0.507	10,068 12 4	2,114	913	2,086 11 6	14,067	12,161	14,477 4 10

Total Navigation Receipts.

CANALS.	EARNINGS, 1893-94.			EARNINGS, 1892-93.		
	During the month.		To end of the month.	During the month.		To end of the month.
	Rs.	A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Orissa Canals	12,039	8 11	1,16,860 14 8	11,736 7 9	89,851 13 4	
Midnapore Canal	14,005	11 6	91,525 2 3	8,136 0 3	94,146 6 0	
Hijili Tidal Canal	3,961	5 9	46,450 6 0	3,104 4 0	40,891 8 3	
Sone Canals	3,997	13 6	39,244 13 6	2,807 5 9	39,835 9 3	
Total	34,064	7 8	2,94,081 4 5	25,784 1 9	2,64,725 4 10	

CALCUTTA,
The 13th March 1894.

G. U. MACONCHY,
Under-Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of January 1894, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1893-94.		TOLLAGE, 1892-93.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	37,003 7 6	2,56,457 10 0	52,596 6 3	2,83,845 10 6
Tolly's Nala ...	10,765 15 3	68,046 2 9	11,551 0 9	72,204 1 3
Total ...	47,769 6 9	3,24,503 12 9	66,147 7 0	3,56,049 11 9
Orissa Coast Canal ...	6,955 9 0	80,225 13 0	4,297 3 6	40,445 4 9
Nadia Rivers ..	8,552 11 0	1,55,554 12 4	9,669 8 0	1,48,500 8 3
GRAND TOTAL ...	63,307 10 9	5,60,284 6 1	80,114 2 6	5,44,995 8 9

CALCUTTA,
The 13th March 1894.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 10th March 1894, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 10TH MARCH 1894.			WEEK ENDING SATURDAY, THE 11TH MARCH 1893.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	151	1,68,175	1,536	1,063	3,02,300	5,024
Jute ...	54	25,250	451	69	54,600	650
Firewood ...	16	47,350	748	137	1,01,525	1,657
Other articles ..	888	2,09,565	3,082	916	2,71,560	4,303
Total ...	1,889	3,90,340	5,817	2,185	7,09,985	11,634

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the three weeks and 6 days ending 27th January 1894.
as compared with the same period of 1893.

STAPLES.	1893.		1894.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Cotton, raw	1,43,040	65,913	1,91,889	1,30,830	48,849	64,917	...	...
Cotton twist and yarn—								
1.—European	7,280	7,514	8,084	7,531	774	...	...	183
2.—Indian	17,125	9,078	25,144	13,977	8,019	4,899	...	...
Cotton piece-goods—								
1.—European	90,347	1,07,492	1,33,945	1,48,123	43,598	40,701	...	...
2.—Indian	12,151	7,150	16,355	7,804	4,204	714	...	...
Drugs and chemicals—								
1.—Intoxicating other than opium	574	127	437	225	...	96	81	...
2.—Non-intoxicating	9,119	7,692	8,136	6,251	...	...	1,274	1,711
Dyes and tans—								
1.—Indigo	7,483	9,351	9,530	13,340	2,100	6,988	...	...
2.—Myristolams	44,211	9,418	16,050	4,511	...	...	27,561	4,338
3.—Aniline dyes	184	184	243	195	64	5	...	...
4.—Gutch	2,31	1,224	2,293	842	207	...	...	353
5.—Paints and colours	17,12	4,601	6,634	2,678	...	...	11,467	1,083
6.—Others	8,545	2,812	3,865	1,010	20	...	...	1,773
Grains—								
1.—Wheat	2,81,907	1,51,495	2,67,634	1,10,514	...	9,010	14,809	...
2.—Rice	6,01,977	1,13,332	10,00,237	1,62,181	3,47,260	40,129	...	...
3.—Jawar and bajra	80,719	11,584	23,488	4,400	...	...	60,631	7,015
4.—Gram	1,21,819	54,610	97,412	27,824	...	...	24,417	30,833
5.—Indigo seed	1,0,020	3,651	1,6,842	55,047	67,210	24,316	...	...
6.—Seeds other than oil-seeds	80,135	27,093	43,408	12,478	...	...	37,130	15,494
7.—Others	3,22,615	61,876	4,04,191	95,423	81,576	8,740	...	...
Hides and skins—								
1.—Hides of cattle	53,905	26,862	60,471	33,310	6,565	...	...	3,532
2.—Skins of sheep, &c.	17,062	7,581	14,953	6,271	...	...	2,104	2,319
Horns	1,430	969	721	557	...	...	729	412
Jobs—								
1.—Raw	96,006	26,927	1,43,076	45,585	44,470	15,658	...	...
2.—Gunny bags and cloth	74,710	25,191	88,572	46,355	13,862	9,167	...	...
Lac—								
1.—Stick	3,484	12,754	30,077	10,431	...	...	1,607	2,353
2.—Shell-lac	1,850	14,930	18,931	13,917	1,076	...	...	133
Leather—								
1.—Unmanufactured	1,782	3,600	2,211	4,438	429	888	...	...
2.—Manufactured	6,003	7,355	4,933	5,560	...	...	1,410	1,702
Liquors—								
1.—Beer	8,958	4,485	6,917	5,012	...	677	71	...
2.—Wines	3,541	3,521	2,171	3,339	...	...	1,670	191
3.—Spirits	1,954	1,955	1,826	2,103	322	110	...	...
Metals—								
1.—Copper, unwrought	4,442	4,315	6,247	7,482	1,805	3,267	...	...
2.—Brass, unwrought	3,340	2,049	3,008	3,333	208	1,314	...	...
3.—Brass and copper, wrought	19,405	8,778	21,376	10,630	1,971	2,031	...	...
4.—Iron	3,54,555	1,23,466	2,81,701	1,06,213	...	...	73,854	17,183
5.—Tin	4,998	2,782	5,334	4,516	336	1,794	...	...
6.—Others	12,172	8,734	10,316	7,136	...	...	1,596	1,536
Oils—								
1.—Castor	4,157	1,098	4,833	1,109	676	11	...	...
2.—Aronia	1,10,403	46,113	1,20,987	50,369	10,518	8,350	...	...
3.—Others	13,565	5,937	9,297	3,571	...	...	4,069	2,096
Oil-seeds—								
1.—Linseed	30,226	12,096	3,00,179	53,645	2,13,053	71,547	...	...
2.—Rape and mustard	98,846	25,392	1,94,614	61,718	97,808	30,330	...	...
3.—Til or jingili	60,908	2,514	5,605	11,303	...	...	14,332	11,239
4.—Castor	63,653	15,160	33,700	6,835	...	...	29,853	8,581
5.—Poppy	3,125	974	17,925	4,901	13,841	3,927	...	...
6.—Others	11,767	2,326	16,355	3,511	4,488	1,183	...	...
Opium	15,551	17,893	50,738	45,728	31,987	30,820	...	...
Paper and pasteboard	10,413	6,712	9,680	5,400	...	...	1,073	1,313
Provisions—								
1.—Ghee	34,079	29,485	37,070	30,368	2,991	9,883	...	...
2.—Dried fruits and nuts	28,187	10,518	13,372	18,811	...	...	10,418	5,707
3.—Coconuts	6,272	1,775	6,350	1,074	78	...	...	101
4.—Turmeric	10,540	5,633	11,744	5,431	1,198	2,776	...	...
5.—Others	73,658	31,213	1,10,748	40,040	41,000	9,347	...	...
Salt	5,99,973	10,218	5,02,314	1,01,030	...	1,118	6,764	...
Saltpetre, &c.—								
1.—Saltpetre	36,827	27,769	45,891	10,152	...	...	17,966	4,637
2.—Borax	3,792	3,073	1,992	1,401	...	...	1,690	1,673
3.—Other saline substances	30,292	9,195	37,405	11,515	7,173	1,123	...	...
Silk, raw—								
1.—Foreign ... ..	...	...	...	...	...	...	...	...
2.—Indian	6,095	2,762	3,898	1,562	...	...	2,197	1,216
Silk piece-goods—								
1.—Foreign	6	0	13	44	7	33	...	...
2.—Indian	840	532	490	123	...	191	100	...
Spices—								
1.—Pepper	2,675	2,087	3,035	3,243	237	516	...	...
2.—Other	23,741	17,348	33,431	20,519	8,192	9,108	...	...
Sugar—								
1.—Drained	18,021	4,143	14,350	4,340	729	...	...	797
2.—Undrained	5,70,710	1,07,244	5,28,344	8,082	...	...	62,363	18,662
Stone and lime	3,94,657	45,013	3,00,956	42,894	...	...	87,672	2,118
Tea—								
1.—Foreign	8	1	...	...	...	...	5	1
2.—Indian	2,171	1,710	2,750	2,095	679	376	...	...
Timber, &c.—								
1.—Timber	1,06,476	10,538	88,014	13,100	...	...	10,863	3,433
2.—Firewood	30,445	2,167	14,743	823	...	...	16,702	1,314
Tobacco	17,095	5,092	23,777	10,805	21,662	6,111	...	...
Umbrellas	971	1,988	136	137	...	...	806	931
Wool—								
1.—Raw	2,253	1,538	2,331	2,316	96	678	...	...
2.—Piece-goods—								
a.—European	890	573	87	140	...	...	813	433
b.—Indian	1,600	1,015	2,224	2,005	625	990	...	...
3.—Shawls ... ..	...	...	...	...	...	...	...	...
All other articles of merchandise	3,42,910	1,43,113	5,73,322	2,07,134	2,27,563	62,016	...	...
Total	53,42,190	17,00,374	62,31,438	20,48,360	8,89,230	3,48,230	...	...
Military stores	12,673	18,783	6,916	7,391	...	...	5,757	10,894
Coal—								
1.—For public	42,43,974	5,56,808	46,00,482	6,00,530	2,92,448	21,037	...	...
2.—Railway	4,99,554	61,377	5,10,769	60,911	13,215	...	...	406
Railway Materials—								
1.—For construction and revenue	3,12,309	40,070	11,17,372	37,776	3,08,163	...	...	2,894
2.—Stock ... ..	...	...	...	...	...	...	...	...
Total	1,09,02,693	24,12,290	1,24,65,917	27,69,846	15,03,306	5,56,256	...	...

T. SIMPSON, Assistant Auditor.

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, the 7th March 1894.

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., Dacca, K.-D., AND ASSAM-BIHAR SECTIONS.)

Approximate Return of Traffic for the week ended 3rd March 1894, on 813 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	210,400	1,07,130 0 0	8,77,430 0	90,360 0 0	18,930 0 0	2,20,420 0 0	20,108	31,173	61,280
Or per mile of railway ...	259	132 0 0	1,079 0	122 0 0	1 0 0	255 0 0	.....	.....	.....
For previous 8 weeks of half-year ...	1,580,150	7,72,670 0 0	71,21,230 0	10,67,720 0 0	2,39,770 0 0	21,20,000 0 0	233,164	259,066	492,130
Total for 9 weeks ...	1,790,640	8,79,700 0 0	79,98,660 0	11,57,080 0 0	2,73,700 0 0	23,40,480 0 0	253,272	290,138	543,410
COMPARISON.									
Total for corresponding week of previous year ...	230,601	1,01,500 0 0	6,82,330 0	81,005 0 0	12,840 0 0	1,95,441 0 0	22,397	25,071	55,008
Per mile of railway corresponding week of previous year ...	284	121 0 0	878 0	104 0 0	1 0 0	236 0 0	.....	.....	.....
Total to corresponding date of previous year ...	1,664,503	7,93,618 0 0	65,32,546 0	8,67,845 0 0	1,54,200 0 0	18,15,723 0 0	203,119	250,168	513,287

* Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for the week ended 3rd March 1894, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	22,300	10,500 0 0	60,000 0	2,050 0 0	40 0 0	13,650 0 0	3,737	1,935	5,672
Or per mile of railway ...	238	85 0 0	480 0	24 0 0	.....	109 0 0	.....	.....	.....
For previous 8 weeks of half-year ...	254,000	91,100 0 0	3,96,700 0	25,680 0 0	1,050 0 0	1,17,790 0 0	29,322	15,305	44,527
Total for 9 weeks ...	276,300	1,01,720 0 0	4,57,380 0	28,030 0 0	1,090 0 0	1,31,440 0 0	33,059	17,140	50,199
COMPARISON.									
Total for corresponding week of previous year ...	27,709	12,555 0 0	56,125 0	2,525 0 0	70 0 0	16,450 0 0	3,737	1,935	5,672
Per mile of railway corresponding week of previous year ...	303	100 0 0	465 0	21 0 0	1 0 0	132 0 0	.....	.....	.....
Total to corresponding date of previous year ...	278,770	1,03,475 0 0	5,51,611 0	28,398 0 0	1,032 0 0	1,40,515 0 0	33,763	17,311	51,074

DACCA STATE RAILWAY.

Approximate Return of Traffic for the week ended 3rd March 1894, on 66 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	22,310	7,240 0 0	18,910 0	1,750 0 0	80 0 0	9,070 0 0	2,497	737	3,234
Or per mile of railway ...	339	84 0 0	280 0	20 0 0	1 0 0	105 0 0	.....	.....	.....
For previous 8 weeks of half-year ...	164,070	56,240 0 0	2,45,120 0	24,170 0 0	1,300 0 0	51,790 0 0	19,499	6,411	25,910
Total for 9 weeks ...	186,380	63,480 0 0	2,64,030 0	25,920 0 0	1,400 0 0	60,860 0 0	21,996	7,148	29,144
COMPARISON.									
Total for corresponding week of previous year ...	18,907	6,423 0 0	16,619 0	1,511 0 0	64 0 0	8,008 0 0	2,435	743	3,178
Or per mile of railway corresponding week of previous year ...	286	75 0 0	250 0	23 0 0	1 0 0	96 0 0	.....	.....	.....
Total to corresponding date of previous year ...	163,495	53,547 0 0	1,57,238 0	14,370 0 0	1,745 0 0	60,902 0 0	22,200	6,958	29,158

[REGISTERED No. 29.]

No. 12 of 1894.



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OFFICIAL PAPERS.

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CONTENTS.

	Page.		Page.
RAINFALL, Weather, and State and Prospects of the Crops	434	STATEMENT of Rainfall in Bengal for the week ending	
Prices-current (retail) of Food-grains, Fire-wood, and Salt		Saturday (2 a.m.), the 17th of March 1894	444
in the Head-quarters Station Bazaars of the Districts of		Results of the Barometrical and Thermometrical Obser-	
Bengal on the 16th March 1894	435	vations taken at the Meteorological Office, Chow-	
Supplement to the Rainfall Table for Bengal, 1893	436	ringhee, from 11th to 17th March 1894	445
Results of the Meteorological Observations taken at the		Circular and Eastern Canals for the week ending	
Alipore Observatory from 11th to 17th March 1894	441	Saturday, the 17th March 1894	446
Meteorological report of the Province of Bengal for the		Weekly Return of Traffic Receipts on Indian Railways &c.	447
week ending Saturday, the 17th of March 1894	442		

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 17th March, 1894.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
Burdwan Divn.	1 Burdwan Mar. 17, '94 Nil	Nil	Weather—seasonable. Potato and <i>rabi</i> crops are still being harvested. Sugarcane is being pressed. Fodder and water sufficient. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 10px;"> <i>Srs.</i> Burdwan 13½ to 18½ Kalna 10 to 14 Katwa 14½ Raniganj 15 </div> <div> } per rupee. </div> </div>
	2 Birbhum „ 17, '94 Nil	Nil	
	3 Bankura „ 17 '94 Nil	Nil	
	4 Midnapore „ 17, '94 Nil	Nil	
	5 Hooghly „ 17, '94 Nil	0.11	
	6 Howrah „ 17, '94 0.89	Nil	Weather—seasonable. Rain wanted for <i>boro</i> rice. Condition of cattle good. Fodder and water-supply sufficient. Price of rice 10 to 14 seers per rupee.
	7 24-Parganas „ 17, '94 1.01	1.01	
	8 Nadia „ 17, '94 Nil	Nil	
	9 Murehidadabad „ 17, '94 Nil	Nil	
	10 Jessore „ 17, '94 0.31	0.31	
	11 Khulna „ 17, '94 0.08	0.08	
Presidency Divn.	1 Burdwan Mar. 17, '94 Nil	Nil	Weather—hot in the day, but still cool at night. <i>Rabi</i> crops are being harvested; outturn fair except in case of sugarcane. Common rice sells at from 12 to 18 seers per rupee. Cattle get fodder; cowpox reported from a few villages in the Sadar subdivision.
	2 Birbhum „ 17, '94 Nil	Nil	
	3 Bankura „ 17 '94 Nil	Nil	
	4 Midnapore „ 17, '94 Nil	Nil	
	5 Hooghly „ 17, '94 Nil	0.11	
	6 Howrah „ 17, '94 0.89	Nil	Weather—seasonable. Lands are being prepared for rice cultivation, but rain wanted for the purpose. Harvesting of sugarcane still going on. Fodder and water sufficient. Rice sells at:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 10px;"> <i>Srs.</i> Sadar 17½ Vishnupur 16½ </div> <div> } per rupee. </div> </div>
	7 24-Parganas „ 17, '94 1.01	1.01	
	8 Nadia „ 17, '94 Nil	Nil	
	9 Murehidadabad „ 17, '94 Nil	Nil	
	10 Jessore „ 17, '94 0.31	0.31	
	11 Khulna „ 17, '94 0.08	0.08	Weather—hot at the beginning and very hot at the end of the week. Sugarcane pressing nearly over. <i>Rabi</i> harvest far advanced. Vegetables and potato crop doing fairly well. Fodder and water sufficient. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 10px;"> <i>Srs.</i> Sadar 11 to 12 Serampore 11½ to 15½ Jahanabad 18 to 16 </div> <div> } per rupee. </div> </div>
	2 Birbhum „ 17, '94 Nil	Nil	
	3 Bankura „ 17 '94 Nil	Nil	
	4 Midnapore „ 17, '94 Nil	Nil	
	5 Hooghly „ 17, '94 Nil	0.11	
	6 Howrah „ 17, '94 0.89	Nil	Weather—seasonable. Rain is wanted for <i>boro</i> paddy. Condition of cattle good. Fodder and water sufficient. Rice sells at:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 10px;"> <i>Srs. Cr.</i> Sadar 11½ to 14 0 Barasat 12 0 Basirhat 13 14½ Diamond Harbour 13 4 </div> <div> } per rupee. </div> </div>
	7 24-Parganas „ 17, '94 1.01	1.01	
	8 Nadia „ 17, '94 Nil	Nil	
	9 Murehidadabad „ 17, '94 Nil	Nil	
	10 Jessore „ 17, '94 0.31	0.31	
	11 Khulna „ 17, '94 0.08	0.08	Weather—hot by day and cool by night. Rain wanted for cultivation. <i>Rabi</i> harvest is almost complete. Supply of fodder sufficient.
	2 Birbhum „ 17, '94 Nil	Nil	
	3 Bankura „ 17 '94 Nil	Nil	
	4 Midnapore „ 17, '94 Nil	Nil	
	5 Hooghly „ 17, '94 Nil	0.11	
	6 Howrah „ 17, '94 0.89	Nil	Weather—getting hot. Harvesting of <i>rabi</i> crops going on. A recent hailstorm at Jangipore has done some injury to <i>rabi</i> crops. Pressing of sugarcane nearly finished. Fodder sufficient for cattle. Small-pox among cattle reported from Kendi. Common rice sells at 14 seers per rupee. There was a hailstorm on the afternoon of the 11th; weather cooled down. Harvesting of <i>rabi</i> crops nearly over. Owing to recent rain lands are being ploughed for sowing indigo, <i>til</i> and paddy. Fodder and water sufficient in all the subdivisions except Jhenida, where the former is reported to be insufficient and the latter somewhat scarce. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 10px;"> <i>Srs.</i> Sadar 12 Jhenida 11½ Magura 12 Narail 12½ Bangaon 10 to 12 </div> <div> } per rupee. </div> </div>
	7 24-Parganas „ 17, '94 1.01	1.01	
	8 Nadia „ 17, '94 Nil	Nil	
	9 Murehidadabad „ 17, '94 Nil	Nil	
	10 Jessore „ 17, '94 0.31	0.31	
	11 Khulna „ 17, '94 0.08	0.08	Weather—hot in the day and cool in the night. Harvesting of <i>rabi</i> crop is over. Prospects of <i>boro</i> rice fair. Land is being prepared for <i>til</i> and jute. Common rice sells at from 11 to 14½ seers per rupee. Water and fodder sufficient.
	2 Birbhum „ 17, '94 Nil	Nil	
	3 Bankura „ 17 '94 Nil	Nil	
	4 Midnapore „ 17, '94 Nil	Nil	
	5 Hooghly „ 17, '94 Nil	0.11	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.	
BENGAL—consolid.				
Rajshahi Divs.	12 Rajshahi Nator Naugaon	Mar. 17, '94	Nil Nil Nil	Weather—hot at day, but cool at night. Prospects of <i>rabi</i> crops good. Gathering of pulses and mustard not yet finished. No disease among cattle reported. Fodder and drinking water available. Price of rice varies from 13 to 15 seers per rupee.
	13 Dinajpur Thakurgaon	.. 17, '94 ...	Nil Nil	Weather—hot during day, cool at night. Lands are being prepared for <i>dhadoi</i> crops. Common rice selling at from 13 to 15 seers per rupee. Condition of cattle good. Supply of water and fodder sufficient.
	14 Jalpaiguri	.. 17, '94	Nil	Weather—seasonable. Ploughing of lands for <i>dhadoi</i> and jute going on. Common rice sells on an average 13 seers per rupee. No want of fodder and water.
	15 Darjeeling Siliguri	.. 17, '94 ...	Nil Nil	Weather—cloudy and cold. <i>In the hills</i> :—Wheat and barley are being harvested in some places. Potatoes coming up. <i>Bhatia</i> is being planted. <i>Phapur</i> is coming to perfection. <i>In the Terai</i> :—Lands are being ploughed. Price of coarse rice:— Srs. Hilla ... 7 to 11 } Terai ... 11 to 13 } per rupee.
	16 Rangpur Nilphamari Kuriganj Gaibanda	.. 17, '94	Nil Nil Nil Nil	Weather—getting warmer; mornings still cool. Sowing of <i>aus</i> paddy and jute continues. Outturn of tobacco 16 annas. Price of rice 10½ to 14 seers per rupee.
	17 Hoora Sherpur Naakhila	.. 17, '94	Nil Nil 0.07	Weather—warm during day time, but cold at night. Prospects of standing crops good. Preparation of lands for <i>aus</i> and jute continues. Common rice selling at 12½ seers per rupee. Fodder and water sufficient.
	18 Pabna	.. 17, '94	Nil	Weather—seasonable with hot days and cool nights. Prospects of standing crops fair. Common rice sells at from Rs. 3.4 to Rs. 3.8 per mound at Sirajganj and at 12 seers per rupee at Sadar. Fodder and water-supply sufficient.
	Dacca Divs.	19 Dacca	.. 17, '94	2.78	Weather—seasonable. Prospects of standing crops fair. Ploughing for sowing of rice and jute going on. Common rice selling at from 8 to 12 seers per rupee. Fodder available. There is want of drinking water in many places. No cattle-disease.
20 Mymensingh		.. 17, '94	0.90	Weather—cloudy and warm. Prospects of standing crops good. Lands are being cultivated for <i>aus</i> paddy and jute. Common rice sells at 10 seers per rupee. Condition of cattle good. Want of good water for drinking and domestic purposes is not felt anywhere except in Kishoreganj subdivision.
21 Faridpur Goalundo Madaripur		.. 17, '94	Nil Nil Nil	Weather—variable; at present very hot. Prospects of standing crops fair. Rain wanted for ploughing in Goalundo. No want of fodder or water. Condition of cattle good except in Kutalipara thana, where cattle-disease is reported. Price of common rice:— Srs. Sadar ... 11½ } Goalundo ... 12 } per rupee. Madaripur ... 13 }
22 Backergunge		.. 17, '94	Nil	Weather—seasonable. State and prospects of crops fair. Common rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient. Water for drinking and domestic purpose scarce in police stations of Golachipa and Gulsakhali and in various parts of Pirojpur subdivision.
23 Tippera		.. 17, '94	0.45	Weather—seasonable. Prospects of standing crops fair. Lands are being prepared for paddy and jute. Low-lands are being sown.
Chittagore Divs.	24 Noakhali	.. 17, '94	Nil	Weather—seasonable. State of <i>rabi</i> crops not good. Ploughing for <i>aus</i> crop continues. Fodder and water available. No cattle-disease. Rice selling at— Srs. Noakhali ... 10½ } Fenny ... 11 } per rupee.
	25 Chittagong	.. 17, '94	1.88	Weather—unsettled at first, now seasonable. Standing crops somewhat damaged by recent rain and hail-storm. Prices steady. Water and fodder sufficient.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR.			
PATNA DIVISION.	76 Patna Mar. 17, '94	Nil	Weather—clear and getting warm. <i>Rabi</i> harvest is far advanced, and a good outturn is everywhere reported. Crop prospects are in fact most satisfactory. Prices of common rice:— <div style="float: right; text-align: right;"> Srs. Sadar 15½ Harb 15 Bihar 16½ Dinapur 16 } per rupee. </div>
	27 Gaya „ 17, '94	Nil	Weather—warm with west wind. Harvesting of <i>rabi</i> crops continues. Collection of opium going on, but the west winds have caused the prospects to deteriorate somewhat. Common rice sells at from 14 to 20 seers per rupee. Fodder and water supply ample.
	Jahanabad ...	Nil	
	Aurangabad ...	Nil	
	Nawada ...	Nil	
	28 Shahabad „ 17, '94	Nil	Weather—hotter. Harvesting of <i>rabi</i> crops continues. Sugarcane is being planted. The poppy was injured by blight in February, and the yield will be seriously affected by it.
	Buxar ...	Nil	
	Bhabhua ...	Nil	
	Sasaram ...	Nil	
	29 Saran „ 17, '94	Nil	Weather—seasonable. <i>Rabi</i> harvest has begun. Wheat has been to some extent injured by blight in parts. Opium is being gathered; outturn estimated to be reduced by ¼ by blight in Siwan and to a small extent in Sadar. Fodder and water plentiful. Prices of common rice:— <div style="float: right; text-align: right;"> Srs. c. Chapra 14 8 Siwan 14 0 Gopalganj 15 6 } per rupee. </div>
	Siwan ...	Nil	
	Gopalganj ...	Nil	
	30 Champaran „ 17, '94	Nil	Heat in day time increasing; nights cool. <i>Rabi</i> crops being reaped. Opium collection in progress. Owing to the appearance of blight a reduction has been made in the estimate of the outturn of opium. Prices stationary.
	31 Muzaffarpur „ 17, '94	Nil	Weather—hot with west wind. Harvesting of <i>rabi</i> has commenced. About one anna loss of opium is reported from Hajipur from blight. Flow of juice not free. Health of cattle good. Fodder and water sufficient.
BAGALPUR DIVISION.	32 Darbhanga „ 17, '94	Nil	Weather—getting warm. Harvesting of <i>rabi</i> crops in progress. Indigo sowings going on. Pressing of sugarcane continues. Extraction of opium in progress. Fodder and water for cattle sufficient. Prices remain steady.
	33 Monghyr „ 17, '94	Nil	Weather—getting warmer daily. <i>Rabi</i> is being harvested; outturn estimated at 12 annas. Lancing of poppy capsules is about to finish. Indigo and other standing crops doing well. Fodder and water sufficient. No cattle-disease reported. Prices of common rice:— <div style="float: right; text-align: right;"> Srs. Sadar 13 to 16½ Begusarai 16 Jamui 15 } per rupee. </div>
	Begusarai ...	Nil	
	Jamui ...	Nil	
	34 Bhagalpur „ 17, '94	Nil	The hot weather has set in with its usual characteristics. Wheat and barley promise well except on light and sandy soils. They are now being got in in many villages. Linseed is an important crop here. It is being harvested; a-12 anna yield. Indigo is flourishing. Prices are steady. Common rice 16 seers 6 chitaks per rupee.
	Hanka ...	Nil	
	Madhipura ...	Nil	
	Supaul ...	Nil	Weather—getting hot day by day. Harvesting of mustard and tobacco is over. Standing <i>rabi</i> crop is in a satisfactory state. Ploughing for <i>bhadai</i> continues. No cattle-disease. Fodder and water sufficient. Prices of common rice:— <div style="float: right; text-align: right;"> Srs. Sadar 14 to 18 Kishanganj 15 Araria 17 } per rupee. </div>
	35 Purnea „ 17, '94	Nil	
	Kishanganj ...	Nil	
	Araria ...	Nil	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.															
BIHAR—consolid.																		
BAGALPUR DIV.—consolid.	86 Malda Mar. 17, '94	Nil	Weather—days hot, mornings and evenings still cool. <i>Rabi</i> crops are being harvested; expected outturn 8 to 10 annas. <i>Boro</i> paddy thriving. Lands are being prepared for <i>bhadoi</i> crops. Price of coarse rice varies from 13 to 16 seers per rupee. Fodder and drinking water ample.															
	87 Sonthal Parganas .. 17, '94	Nil	Weather—cool in the morning and at night, but hot with west winds in the day. Harvesting of wheat continues. <i>Makua</i> being collected in parts. Fodder and water sufficient. Price of common rice 13 to 18 seers per rupee.															
	Deoghur ...	Nil																
	Godda ...	Nil																
	Jamtara ...	Nil																
	Pakur ...	Nil																
Rajmahal ...	Nil																	
ORISSA.																		
ORISSA DIV.	88 Cuttack .. 17, '94	Nil	Weather—hot. All crops on the ground doing well. The estimated outturn of mustard is 10 annas. Fodder and water sufficient. Common rice sells at— <table><tr><td></td><td>Srs. O.</td><td>Srs. C.</td></tr><tr><td>Sadar</td><td>10</td><td>8 to 16 7</td></tr><tr><td>Jajpur</td><td>14</td><td>8 to 17 2</td></tr><tr><td>Kendrapara</td><td>14</td><td>0 to 17 0</td></tr><tr><td>Bankt</td><td>...</td><td>17 11</td></tr></table> per rupee.		Srs. O.	Srs. C.	Sadar	10	8 to 16 7	Jajpur	14	8 to 17 2	Kendrapara	14	0 to 17 0	Bankt	...	17 11
		Srs. O.	Srs. C.															
	Sadar	10	8 to 16 7															
Jajpur	14	8 to 17 2																
Kendrapara	14	0 to 17 0																
Bankt	...	17 11																
89 Balasore .. 17, '94	0-04	Weather—seasonable. Sugarcane, the average outturn of which is about 8 annas, is being pressed. <i>Dalsa</i> , the only standing crop, is doing well, but rain is wanted. Coarse rice sells at about 18 seers per rupee.																
40 Puri .. 16, '94	Nil	Weather—seasonable, but cloudy at times. <i>Dalsa</i> rice is being transplanted. Cotton and <i>mug</i> are thriving well. Miscellaneous crops promise well. Cattle-disease reported from the interior. Rice sells at from 17 seers 1 chitak to 18 seers 6 chitaks per rupee.																
CHOTA NAGPUR.																		
South-West Frontier Agency.																		
CHOTA NAGPUR DIV.	41 Hazaribagh Mar. 17, '94	Nil	Weather—warm with steady west winds. Sugarcane being planted. Fourteen annas of opium collected. Some deficiency in the outturn expected. Price of common rice from 13 to 16 seers per rupee. Fodder and water plentiful.															
	Giridi ...	Nil																
	42 Lohardaga .. 17, '94	Nil	Weather—seasonable. Ploughing continues. Prospects of wheat and barley continue favourable. Common rice selling at 16 seers per rupee. Fodder and water plentiful.															
	43 Palamau .. 16, '94	Nil	Weather—getting quickly warmer. <i>Rabi</i> harvest in full swing. <i>Makua</i> in full flower, and prospects excellent. Mango blossoming well. Rice selling at from 15 to 20 seers per rupee. Water and fodder-supply normal.															
	44 Manbhum .. 17, '94	Nil	Hot winds setting in. Prospect of <i>makua</i> good. Water and fodder sufficient.															
Gobindpur ...	Nil																	
45 Singhbhum .. 17, '94	Nil	Weather—mornings and evenings cool. Still cloudy, but no rain. <i>Masuri</i> , wheat, gram, cotton, <i>rahar</i> and <i>makua</i> are being harvested; a 12 to 16-anna outturn expected. No cattle-disease. No complaints of scarcity of fodder and water.																

Published for general information.

CALCUTTA; REVENUE DEPT.,
Th: 20th March, 1894.

C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

		QUANTITIES PER RUPEE IN														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUR (Sorghum Vulgar.)		
Number.	DISTRICTS.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL.																
BURDWAN DIVISION.	1 Burdwan	15 0	13 0	10 11	...	...	...	12 12	12 4	10 8	15 12	15 0	12 2	...	...	...
	2 Birbhum	9 12	9 12	10 4	...	...	...	12 0	12 0	11 0	15 12	15 12	14 4	...	...	...
	3 Bankura	16 4	16 4	14 0	...	...	...	12 10	12 10	10 0	16 4	16 1	11 4	...	...	...
	4 Midnapore	11 0	11 0	11 0	...	...	...	10 2	10 2	10 0	15 10	15 10	12 12	...	...	...
	5 Hooghly	14 6	14 5	11 0	20 8	20 8	11 0	8 4	8 4	8 0	11 8	11 8	10 0	...	...	...
	6 Howrah	...	...	...	...	...	...	10 0	11 4	9 6	12 0	12 8	10 0	...	...	...
PRESDIDENT DIVISION.	7 24-Parganas	18 0	18 8	11 4	18 0	17 0	16 0	8 0	8 0	8 0	18 0	18 0	12 0	16 0	16 0	16 0
	8 Calcutta	18 5	18 0	11 5	16 9	16 0	17 0	7 9	7 8	7 4	10 2	10 0	10 0	20 0	20 0	18
	9 Nadia	16 12	19 6	18 1	24 6	...	...	8 0	8 0	10 0	18 1	12 12	12 12	...	...	...
	10 Murshidabad	15 0	15 0	18 0	...	...	...	10 0	10 0	10 0	14 0	14 0	12 8	...	...	...
	11 Jessore	12 0	10 4	11 0	...	...	...	10 0	9 0	9 0	18 0	18 0	12 8	...	...	...
	12 Khulna	...	...	...	...	...	...	10 8	10 0	10 10	12 0	11 4	12 4	...	...	...
RAJSHAH DIVISION.	13 Rajshahi	12 8	16 8	10 0	30 0	22 8	26 4	10 8	12 0	11 4	13 2	13 8	12 12	...	...	...
	14 Dinajpur	12 0	11 0	10 12	13 0	...	15 12	11 0	10 12	10 12	14 8	14 0	14 6	...	...	...
	15 Jalpaiguri	13 0	13 0	10 0	18 8	13 8	13 0	9 0	9 0	9 0	13 8	14 0	18 0	...	...	...
	16 Darjeeling	8 0	8 0	8 0	9 0	9 0	10 0	5 8	5 8	5 0	12 0	12 0	11 0	...	...	...
	17 Rangpur	13 0	13 0	12 0	...	...	...	9 0	9 0	10 0	13 4	13 4	12 0	...	...	...
	18 Sogra	15 12	13 8	12 0	...	...	...	9 12	9 12	9 12	12 12	13 8	12 12	...	...	...
DACCA DIVISION.	19 Pabna	18 12	16 0	18 8	22 8	22 8	18 12	6 0	6 0	6 4	12 6	12 6	12 2	...	...	...
	20 Dacca	12 0	12 0	...	...	...	...	8 8	8 8	11 0	12 0	10 8	11 8	...	...	...
	21 Mymensingh	9 8	9 8	9 8	...	...	...	9 0	9 0	10 0	10 0	10 0	11 0	...	...	...
	22 Faridpur	17 0	16 0	11 4	16 0	16 0	20 0	7 8	7 8	8 0	12 0	11 8	12 0	...	...	...
23 Backergunge	...	...	...	...	...	...	8 6	...	10 8	11 0	12 0	11 1	...	...	...

- A In the subdivisions the retail prices of salt per rupee are:—Kaina 10 seers, Katwa 10½ seers, and Raniganj 10 seers.
 B At Rampur Hat the retail price of salt is 11 seers per rupee.
 C At Vishnupur the retail price of salt is 10 seers per rupee.
 D In the subdivisions the retail prices of salt per rupee are:—Contai 10 seers, Tamruk 10½ seers, and Ghatal 10 seers 7 chitaks.
 E In the subdivisions the retail prices of salt per rupee are:—Sornampore (Bhadreswar) 10 seers, Jahanabad 10 seers.
 F At Uluberia the retail price of salt is 10 seers per rupee.
 G In the marts in the interior of the district the retail prices of salt per rupee are:—Chetla 10 seers 10 chitaks, Barasat 10 seers, Magra Hat 9 seers 2 chitaks and Baduria 10½ seers.
 H In the subdivisions the retail prices of salt per rupee are:—Kushtia (Bahadurkhal) 10½ seers, Chuadanga 10 seers, Moherpur 10½ seers and Tanaghat 10 seers.
 I In the subdivisions the retail prices of salt per rupee are:—Kandi 10 seers, Jangipur 10½ seers.
 J In the subdivisions the retail prices of salt per rupee are:—Jhucida 9 seers, Magura 9 seers 6 chitaks, Narail 9½ seers, and Bangaon 10 seers 11 chitaks.

BEERS OF 80 TOLAHS.

BAJRA OR KENH. (<i>Pennisetum typhoides.</i>)		MAHUA OR RAOL (<i>Eleusine Corocana</i> .)	
Present return.	Next preceding return.	Present return.	Next preceding return.
Corresponding turn of last year.	Corresponding turn of last year.	Corresponding turn of last year.	Corresponding turn of last year.

S. Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

0.00	0.00	0.00	0.00	0.00	0.00
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0.00	0.00	0.00	0.00	0.00	0.00
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0.00	-0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00

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KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)			GRASS, CHANA, CHHOLA, KADALAY OR FUNAGA. (<i>Cicer aristinum</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	18	0	18	0	14	10
...	16	8	16	8	13	8
...	17	8	17	8	13	8
...	16	0	16	0	14	8
...	15	0	15	0	11	8
...

6	0	8	0	6	0	20	0	20	0	15	4
7	12	8	0	...	...	16	6	15	0	12	4
...	...	...	...	...	...	22	13	22	13	16	14
...	...	...	...	...	...	20	0	20	0	16	0
...	...	...	...	...	...	13	0	13	4	14	8
...	...	...	...	...	...	11	0	12	8	10	10

...	...	...	...	24	0	24	0	15	0
...	...	...	...	14	12	13	0	12	0
...	...	...	...	16	0	16	0	13	0
...	...	...	...	12	0	12	0	10	0
...	...	...	...	17	0	17	0	13	0
...	...	...	...	16	14	15	0	9	12
...	...	...	...	16	0	17	0	14	4

...	...	...	...	17	0	17	0	...
...	...	...	...	12	8	12	8	12
...	...	...	...	10	0	10	0	11
...	...	...	...	16	0	...	...	13

Head-quarters Station Bazars of the Districts of Bengal on the 18th March, 1894.

															WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	Number.													
INDIAN-CORN OR MAIZE. (Zea Mays.)			ARRAR OR THUR, CADJAN PEA. (Cajanus Indicus.)			FIREWOOD.			SALT.			SALT.																				
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.																		
BENGAL.																																
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.						
...	20	0	18	0	23	8	80	0	80	0	106	10	10	8	10	8	11	24	3	8	0	3	8	0	3	6	8	Burdwan.	1
...	13	8	13	8	11	0	200	0	200	0	200	0	11	0	11	0	10	12	3	10	6	3	10	6	3	12	6	Birbhum.	2
...	13	0	13	0	12	0	820	0	820	0	820	0	10	2	10	2	11	0	3	12	0	3	12	0	3	10	8	Bankura.	3
...	18	8	18	8	20	0	200	0	200	0	240	0	10	4	10	4	11	7	3	13	0	3	13	0	3	7	0	Midnapore.	4
...	18	4	18	4	...	...	160	0	160	0	120	0	10	0	10	0	11	4	3	10	6	3	10	6	3	6	0	Hooghly.	5
...	12	8	12	8	11	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Howrah.	6
...	11	5	11	10	11	0	105	0	105	0	105	0	10	0	10	0	10	10	3	12	0	3	12	0	3	8	0		
16	0	16	0	20	0	17	0	17	8	18	0	100	0	100	0	10	8	10	8	11	0	3	9	0	3	9	0	3	4	6	24-Parganas.	7
21	0	21	0	18	4	18	13	19	6	12	5	94	0	94	0	99	0	11	3	11	0	3	9	0	3	10	0	4	0	0	Calcutta.	8
...	17	124	18	8	22	0	128	0	128	0	128	0	10	5	9	1	10	0	3	13	0	3	14	0	3	8	0	Nadia.	9
...	20	0	20	0	17	0	200	0	200	0	200	0	10	8	10	8	10	8	3	8	0	3	8	0	3	7	0	Murshidabad.	10
...	20	0	20	0	13	0	120	0	120	0	120	0	10	0	10	0	9	14	4	0	0	4	0	0	3	10	0	Jessore.	11
...	12	0	9	8	9	14	160	0	160	0	160	0	8	0	8	0	9	0	4	0	0	4	0	0	3	12	0	Khulna.	12
...	21	3	21	3	20	11	240	0	240	0	240	0	9	0	9	0	9	9	4	0	0	4	2	8	3	10	8	Rajshahi.	13
...	19	0	19	0	14	12	120	0	120	0	160	0	9	0	10	0	10	8	4	4	0	4	0	0	3	12	0	Dinajpur.	14
...	10	0	10	0	9	0	160	0	160	0	120	0	9	0	9	0	10	0	4	2	0	4	4	0	4	0	0	Jalpaiguri.	15
20	0	20	0	12	0	8	0	8	0	8	0	120	0	120	0	8	0	8	0	8	0	4	12	0	4	12	0	4	10	0	Darjeeling.	16
...	9	0	9	0	8	0	80	0	70	0	80	0	9	0	9	0	9	0	3	8	0	3	8	0	4	0	0	Rangpur.	17
...	90	0	90	0	90	0	9	0	9	0	9	10	4	5	4	4	5	4	3	13	4	Bogra.	18
...	20	0	20	10	22	8	200	0	200	0	200	0	9	12	9	12	10	8	3	13	3	3	13	6	3	10	0	Pabna.	19
...	20	0	20	0	...	...	120	0	120	0	130	0	8	0	8	0	10	0	4	0	0	4	0	0	3	10	0	Dacca.	20
...	13	0	13	0	13	0	102	0	100	0	120	0	8	0	8	0	10	0	4	0	0	4	0	0	4	0	0	Mymensingh.	21
...	200	0	200	0	...	...	9	8	9	0	10	12	4	6	0	4	8	0	3	12	0	Faridpur.	22
...	11	4	...	...	...	...	80	0	80	0	82	0	10	0	10	0	10	0	3	12	0	...	...	3	10	0	Backergunge.	23	
DAKKA DIVISION.																																

- K In the subdivisions the retail prices of salt per rupee are :—Bagerhat 8 seers and Satkhira 10 seers.
 L In the subdivisions the retail prices of salt per rupee are :—Nator 9 seers and Naugan 8 seers 11 chittaks.
 M At Alipur the retail price of salt is 3 seers per rupee.
 N In the subdivisions the retail prices of salt per rupee are :—Kurigan 8 seers, Gaibanda 10 seers and Nilphamari 9 seers.
 O At Sirajganj the retail price of salt is 10 seers per rupee.
 P In the subdivisions the retail prices of salt per rupee are :—Madanganj 11 seers, Manikganj 9 seers, Mirkadin hat 10 seers 10 chittaks, Munshihat 10 seers 10 chittaks.
 Q In the subdivisions the retail prices of salt per rupee are :—Jamalpur 8 seers, Kishorganj 8 seers, Netrakona 8 seers, and Kagnari 10 seers.
 R In the subdivisions the retail prices of salt per rupee are :—Madaripur 9 seers and Goalundo 10 seers.
 S In the subdivisions the retail prices of salt per rupee are :—Pirojpur 8 seers, Patiahali 9 seers and Bhola 8 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUK. (Sorghum Vulgare.)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL—continued.																			
CHITTAGONG DIVISION.	24	Tippera ...	10 0	9 8	11 0	...	...	...	9 0	9 8	9 0	10 8	11 4	12 0	...	...	...
	25	Noakhali (Kali-tar hat) ...	...	...	...	...	...	...	9 4	10 0	11 0	11 0	11 4	12 0	...	...	...
	26	Chittagong ...	11 0	11 4	8 12	...	...	...	10 0	11 8	11 8	11 14	13 0	12 12	...	...	...
BIHAR.																			
PATNA DIVISION.	27	Patna ...	18 0	Red. 18 0	14 0	25 0	22 0	20 0	10 0	10 0	9 8	15 8	17 0	16 0	16 0	20 0	20 0		
	28	Gaya ...	17 0	White. 17 0	13 0	19 4	23 0	18 8	10 4	11 0	10 0	16 0	15 0	13 8	19 0	19 4	18 12		
	29	Shahabad ...	14 8	13 0	11 8	...	...	14 0	...	8 0	8 0	...	15 0	15 0	...	...	...
	30	Saran ...	14 8	14 0	12 0	new 22 0	20 0	22 0	10 0	10 8	10 0	14 8	14 8	14 8	...	...	...
	31	Champaran ...	12 4	13 8	10 8	24 0	...	...	8 8	8 8	8 8	15 4	15 8	15 0	...	...	...
	32	Musaffarpur ...	13 0	13 0	11 0	20 0	20 0	20 0	8 0	8 0	8 0	14 8	14 1	14 0	...	...	...
	33	Darbhanga ...	13 8	15 6	11 0	24 8	22 0	11 0	13 5	13 5	11 0	16 8	16 8	14 5	...	...	...
BHAGALPUR DIVISION.	34	Monghyr ...	14 11 to 16 12	15 12 to 17 5	10 8 to 13 14	21 0	16 13 to 17 14	15 12 to 16 13	10 8	10 0 to 12 0	7 14 to 9 0	14 11 to 15 12	14 11	14 8	...	...	18
	35	Bhagalpur ...	15 0	16 6	12 10	21 7	20 3	12 10	12 10	12 10	12 10	16 6	16 6	15	...	...	...
	36	Purnea (Kasba) ...	16 0	18 0	8 0	...	...	...	13 0	13 0	13	15 0	16 0	14 0	...	...	...
	37	Malda (English Bazar) ...	16 0	17 0	12 8	...	...	...	10 0	10 0	11	15 0	15 0	13 0	...	...	...
	38	Sonthal Parganas ...	12 8	12 8	9 8	...	...	...	12 0	12 0	11 8	16 0	16 0	14 0	...	...	...
ORISSA.																			
ORISSA DIVISION.	39	Cuttack ...	14 7	14 7	10 8	...	...	...	10 8	10 8	10 8	16 7	16 7	14 7	...	...	...
	40	Balasore ...	14 0	14 0	11 0	8 0	8 0	10 0	12 0	12 0	10 0	18 0	18 0	15 0	...	...	...
	41	Puri ...	10 8	11 13	9 8	...	...	...	7 14	7 14	9 8	17 1	17 4	14 7	...	...	...
CHOTA NAGPUR.																			
CHOTA NAGPUR DIVISION.	42	Hazaribagh ...	12 8	8 8 to 11 0	16 0	13 12	...	...	8 0	8 0	...	15 0	12 12	...	...	...
	43	Lohardag (Ranchi) ...	12 0	Red. 11 0	6 0 to 7 0	18 0	14 0 to 16 0	11 0	13 0 to 14 0	13 0 to 14 0	11 0	16 0 to 18 0	15 0 to 17 8	12 0 to 14 0	...	...	...
	44	Palamau ...	8 0 to 10 0	White. 8 to 9 8	5 0	...	...	...	11 4	11 4	10 11	15 3	15 12	14 1	...	...	...
	45	Manbhum ...	14 0	14 0	11 8	20 0	...	...	10 8	10 8	9 0	14 8	15 8	11 0	...	...	...
46	Singhbhum ...	12 0	12 0	12 0	...	...	...	13 0	14 0	9 8	16 0	17 0	12 0 to 14 0	...	...	...

* Present return not received.

T In the subdivisions the retail prices of salt per rupee are :—Brahmanbaria 8 seers and Chandpur 8 seers.

U Penny bazar the retail price of salt is 8 seers per rupee.

V In the subdivisions the retail prices of salt per rupee are :—Barh 10½ seers, Bihar 10½ seers, and Dinapore 9½ seers.

W In the subdivisions the retail prices of salt per rupee are :—Jahanabad 10 seers, Aurangabad 9½ seers and Nawada 9 seers.

X At Betul the retail price of salt is 10 seers per rupee.

Y In the subdivisions the retail prices of salt per rupee are :—Siwan 10 seers 6 chitaks and Gopalganj (Mirganj) 11½ seers.

Z In the subdivisions the retail prices of salt per rupee are :—Hajipur 10 seers and Sitamarhi 11 seers.

Z1 In the subdivisions the retail prices of salt per rupee are :—Madhubani 11 seers and Samastipur 10 seers.

CALCUTTA,
The 20th March, 1894.

TERS OF 80 TOLAHS.

MAJRA OR CUMBU. *Penicillium typhoides* (aenum.) MARUA OR RAGI. *Eleusine Cerealia* (aenum.)

Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.
...
...
...
...	...	19 0	...	...	...
6 4	15 4	19 0	...	...	...
...
...	20 0	20 0	19 0
...	21 0	23 8
...	20 0	20 0	...
...	24 3	23 1	24 3
...
...
...
6 3	16 0	18 0	...	...	...
...
...
...
...	24 0	22 1
...	31 1	31 0	25 0
...
...
...

KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)			GRAM, CHANA, CHHOLA, KADALA OR SUNAGA. (<i>Cicer arvense</i> .)		
Present return.	Next preceding re- turn.	re- Corresponding turn of last year.	Present return.	Next preceding re- turn.	re- Corresponding

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	C.
...	14	0	16	0	12			
...	12	8	12	8	8			
...	12	8	13	0	11			

20	0	20	0	20	0	23	0	23	0	18	0
14	4	14	4	16	4	22	0	22	0	13	0
...	...	...	...	...	...	22	0	14	0		
16	0	18	0	16	0	21	4	22	0	16	0
...	...	...	...	23	8	21	0	14	0		
...	...	...	...	19	8	19	0	16	0		
...	...	...	...	23	1	23	1	16	0		

13	10	19	10	14	11	24	0	$\left\{ \begin{array}{l} 22 \text{ 0 14 1} \\ \text{to} \\ 24 \text{ 2 22} \\ \text{to} \end{array} \right.$			
...	...	...	...	20	8	20	8	14			
...	...	...	...	25	0	25	0	11			
13	0	13	0	16	0	16	0	14	0	10	0
...	...	...	...	16	0	16	0	12			

...	...	...	...	Kalsi or Biri. 26 7 17 12 20 (Citola.) $\left\{ \begin{array}{l} 12 \text{ 0 15 0 12} \\ \text{Kalsi or Biri.} \\ 16 7 16 0 11 \end{array} \right.$							
...	...	...	...	15	1	13	11	18	0		

...	...	...	...	...	16	0	13	0			
...	...	...	...	$\left\{ \begin{array}{l} 13 \text{ 0 14 0} \\ \text{to} \\ 15 \text{ 0 15 0} \\ \text{to} \end{array} \right.$				10			
...	...	...	...	21	15	...	10	2			
...	...	...	...	17	0	16	0	12	8		
...	...	...	...	12	0	12	0	12	0		

Station Bazaars of the Districts of Bengal on the 15th March, 1894—(concluded).

												WHOLESALE PRICES PER MAUND OF 40 SEERS.												DISTRICTS.	Number.
INDIAN-CORN OR MAIZE (Zea Mays.)			ARHAR OR TUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.													
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.											
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL—continued.										
...	...	...	8 0	10 8	12 0	...	...	...	T 8 0	10 0	10 13	4 4	0 4	0 0	8 12	0	Tippera.	24		
...	...	...	...	...	...	...	...	...	U 8 0	8 0	10 0	4 8	0 4	8 0	3 12	0	Nonkhali Kalitar hat.	25
...	...	...	...	...	...	80	0 80	0 106	0 10	0 10	0 10	3 14	0 3	14 0	3 13	0	Chittagong.	26		
22 0	23 0	21 0	25 0	25 0	20 0	130	0 130	0 130	0 11	0 11	0 11	8 3	10 0	8 10	0 3	8 0	Patna.	27							
...	...	...	18 0	19 0	21 0	19 0	120	0 120	0 120	0 9	12 9	12 10	0 4	1 0	4 1	0	Gaya.	28					
...	...	...	18 0	20 0	19 0	23 0	120	0 160	0	10	8 11	0	3 14	0 3	10 0	0	Shahabad.	29					
20 8	20 8	20 8	24 0	24 8	18 0	200	0 200	0 200	0 9	12 10	0 10	12 4	1 0	4 0	0 3	10 6	Saran.	30							
17 10	18 0	21 8	22 12	22 0	15 4	180	0 180	0 160	0 10	8 10	8 10	3 13	0 3	12 0	3 12	0	Champanan.	31							
19 0	18 8	21 0	21 8	21 8	17 0	160	0 160	0 160	0 11	0 11	0 11	0 3	10 0	3 10	0 3	10 0	Muzaffarpur.	32							
19 12	20 14	21 0	24 3	23 1	15 5	176	0 176	0 176	0 11	0 11	0 10	5 3	8 0	3 8	0 3	12 0	Darbhanga.	33							
22 0	19 15	19 8	23 1	16 13	15 11	126	0 126	0 126	0 10	8 10	0 10	12 3	14 0	3 11	0 3	7 6	Monghyr.	34							
20 3	21 4	20 3	16 6	16 6	16 12	126	4 126	8 151	8 10	0 10	1 10	11 4	0 0	4 0	0 3	12 0	Bhagalpur.	35							
...	...	...	16 0	16 0	18 0	320	0 320	0 320	0 10	0 10	0 10	0 4	0 0	4 0	0 3	10 2	Purnea (Kasba).	36					
25 0	21 0	...	13 0	13 0	12 0	100	0 120	0 160	0 9	0 9	0 10	0	...	...	...	...	Malda (English Bazar).	37			
21 0	21 0	23 0	...	19 0	22 8	140	0 130	0 200	0 10	0 10	0 10	8 3	12 0	3 12	0 3	10 3	Sonthal Parganas.	38							
...	...	...	19 0	21 0	19 1	80	0 80	0 80	0 10	12 9	4 10	12 3	12 0	3 12	0 3	6 0	Cuttack.	39					
...	...	...	11 0	11 0	10 12	130	0 130	0 160	0 10	8 10	8 11	0 3	12 0	3 12	0 3	10 0	Balasore.	40					
...	...	...	17 11	17 11	15 12	80	0 80	0 80	0 10	10 10	8 11	8 3	10 0	3 10	0 3	5 0	Puri.	41					
...	18 0	17 0	...	18 0	15 0	240	0 240	0	8 0	9 0	...	4 8	0 3	15 0	...	...	Hasaribagh.	42					
20 0	20 0	18 0	Big. Small.	Big. Small.	Big. Small.	160	0 160	0 140	0 9	0 9	8 8	4 5	0 4	4 0	4 0	0	Lohardaga. (Ranchi).	43							
23 10	23 10	24 8	18 9	20 4	19 2	...	...	...	8 7	9 0	8 4	...	...	...	...	...	Palamau.	44
28 0	28 0	18 0	20 0	20 0	18 0	...	...	...	g 9 2	9 2	10 10	4 0	0 4	0 0	3 10	0	Manbhum.	45				
...	...	...	16 0	16 0	14 0	100	0 100	0 100	0 8	0 8	9 0	4 6	0 4	6 0	4 6	0	Singbhum.	46					

- a In the subdivisions the retail prices of salt per rupee are:—Bogusarai 10 seers and Jamui 10 seers.
b In the subdivisions the retail prices of salt per rupee are:—Banska 9 seers 6 chitaks, Madhipura 9 seers, and Supaul 10 seers.
c In the subdivisions the retail prices of salt per rupee are:—Kishanganj 9 seers and Arraria 9 seers.
d In the subdivisions the retail prices of salt per rupee are:—Deoghur 10 seers, Godda 9 seers, Jamtara 9 seers, Pakur 10 seers, and Rajmahal 10 seers.
e In the subdivisions the retail prices of salt per rupee are:—Jajpur 9 seers, Kendrapara 9 seers, and Banki 11 seers.
f At Bhadrak the retail price of salt is 9 seers per rupee.
g At Gobindpur the retail price of salt is 11 seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARKS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 0 0	3 1 0	3 7 0	2 6 6	2 7 0	2 5 0	5 4 0	5 5 0	5 9 0	3 15 0	3 15 3	3 0 0
2	Birajganj ...	2 6 0	2 8 0	2 14 0	...	...	...	...	5 8 0	6 0 0	3 8 0	3 8 0	3 6 0
3	Dacca ...	3 0 0	3 4 0	...	...	...	...	4 8 0	4 8 0	3 10 0	3 4 0	3 12 0	3 6 0
	Narayanganj ...	...	...	...	...	...	...	3 13 0	4 4 0	4 0 0	3 2 0	3 8 0	3 6 0
5	Chittagong ...	3 6 0	3 4 0	4 8 0	...	...	...	4 0 0	3 6 0	3 6 0	3 5 0	3 0 0	3 1 0
6	Patna ...	2 3 6	2 3 6 Red. White.	2 13 6	1 9 6	1 13 0	2 0 0	4 0 0	4 0 0	4 3 10	2 9 3	2 6 0	3 0
7	Belasore ...	2 12 0	2 12 0	3 8 0	4 12 0	4 12 0	3 12 0	3 0 0	3 0 0	3 12 0	2 2 0	2 2 0	2 10 0
8	Puri ...	3 6 0	3 3 0	4 4 0	...	...	...	5 1 0	5 1 0	4 4 0	2 4 0	2 3 0	2 11 0
	Cuttack ...	2 12 0	2 12 0	3 10 0	...	...	...	3 10 0	3 10 0	3 10 0	2 7 0	2 0	3 12 0

CALCUTTA,
The 20th March, 1894.

PRICES PER MAUND					
JOWAR OR CHOLUH. (<i>Sorghum Vulgare.</i>)			BAJRA OR CUMBU. (<i>Pennisetum typhoides.</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.
2 0 0	2 0 0	2 2 0	2 9 0	2 8 3	...
...
...
...
...
...
8 0	2 0 0	2 0 0	...	...	2 1 3
...
...
...

OF 40 SEERS.

MARUA OR FAGI. (<i>Eleusine Corocana</i> .)			KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
...	5 2 0 4 15 0	...	...
...
...
...
...
...
...	2 0 0 2 0 0 2 0 0	...	...
...
...
...











in the undermentioned Marts of Bengal on the 15th March, 1894.

GRAM, GHANA, CHHOLA, KADALAY OR SUNAGA. (Cicer Aristinum.)			INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 7 0	2 8 3	2 11 6	1 13 3	1 13 3	2 0 0	2 2 0	2 1 0	3 3 0	0 6 9	0 6 9	0 7 0	3 9 0	3 10 0	4 0 0	Calcutta.
2 6 0	2 8 0	2 14 0	...	...	...	...	...	...	0 6 6	0 6 6	0 6 6	3 14 0	3 14 0	3 8 0	Sirajganj.
2 4 0	2 4 0	...	...	...	...	2 0 0	2 0 0	...	0 5 0	0 5 0	0 5 0	4 0 0	4 0 0	3 10 0	Dacca.
2 0 0	2 0 0	...	...	...	...	1 12 0	1 12 0	...	0 6 0	0 6 0	0 5 0	3 10 0	3 14 0	3 10 0	Narayangan.
2 0 0	3 0 0	3 8 0	...	...	...	...	...	...	0 8 0	0 8 0	0 6 0	3 14 0	3 14 0	3 13 0	Chittagong.
1 11 6	1 11 6	2 3 6	1 13 0	1 11 6	1 14 6	1 9 6	1 9 6	2 0 0	0 5 0	0 5 0	0 5 0	3 10 0	3 10 0	3 8 0	Patna.
2 14 0	2 14 0	2 14 0	...	...	...	3 8 0	3 8 0	3 10 0	...	...	...	3 12 0	3 12 0	3 10 0	Balasore.
2 7 0	2 13 0 (Kala)	2 2 0	...	...	...	2 1 0	2 4 0	2 3 0	0 8 0	0 8 0	0 8 0	3 11 0	3 10 0	3 5 0	Puri.
2 7 0	2 2 0	2 0 0	...	...	...	2 0 0	2 0 0	2 0 0	0 0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 6 0	Cuttack.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

[illegible]

Results of the Meteorological Observations taken at the Alipore Observatory from
11th to 17th March 1894.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1894.				Inches.	°	°	°	°	°	Inches.	°	%			Inches.	
March	11th	144.5	6.8	29.787	77.7	89.8	25.6	64.2	73.7	0.780	71.8	83	SSW and variable	160	1.01	Chiefly cloudy,    
"	12th	139.3	10.2	854	74.5	83.9	18.7	65.2	63.4	.440	55.4	54	NW, WNW and WSW.	100	Nil	Clear. 
"	13th	138.5	10.2	962	73.2	85.8	25.2	60.6	62.4	.422	54.2	56	WNW and WNW.	44	"	Clear, 
"	14th	140.8	7.1	966	75.2	86.8	22.6	64.2	70.5	.689	68.1	80	SSW, S and Calm.	54	"	Chiefly clear, 
"	15th	144.6	8.9	922	78.8	88.1	17.2	70.0	74.0	.778	71.6	80	S and SSW	114	"	Chiefly clear, 
"	16th	146.3	10.1	880	80.4	92.9	22.6	70.3	73.4	.730	69.8	74	SSW, SW and S by W.	104	"	Clear 
"	17th	147.4	9.7	830	82.9	96.5	23.1	73.4	73.1	.681	67.9	60	S by W and SSW	178	"	Clear. 

The mean pressure of the seven days	...	...	...	Inches.	29.886
The average pressure of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	29.833
The total number of hours of bright sunshine	...	...	...	Hours.	63.0
The maximum possible number of hours of sunshine	...	...	...	...	83.6
The mean temperature of the seven days	...	...	...	...	77.5
The average temperature of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	80.0
The extreme variation of temperature	...	...	...	...	35.9
The maximum temperature	...	...	...	...	96.5
The highest velocity of the wind in one hour	...	...	...	Miles.	17
The mean relative humidity	...	...	...	%	70
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	66
The total fall of rain from 11th to 17th March 1894	...	...	...	Inches.	1.01
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	0.15
The total fall from 1st January to 17th March 1894	...	...	...	...	1.75
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	2.39

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; p, passing temporary showers; t, thunder; <, lightning; w, strong wind;

▲ hail; △, dew; = fog.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 19th March 1894.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY
THE 17TH OF MARCH 1894.**

Weather towards the close of the previous week had been generally fine and settled but on the 10th instant, or on the last day of that week, pressure had become in slight to moderate defect, and moist southerly winds had set in from the Bay at the southern stations, so that conditions were favourable for slightly disturbed weather to commence. On the 11th a brisk fall of pressure had occurred over Chota Nagpur and the neighbouring districts, and a distinct barometric depression was formed, winds at the neighbouring stations also showing distinct indraught towards the depression. Conditions were hence decidedly disturbed, and numerous local storms with rain occurred, in some cases also accompanied by hail, and on the morning of the 12th rain was reported fairly generally in the districts of 24-Parganas, Jessore, Dacca, Mymensingh and Tippera, and a few local showers fell in other districts. On the morning of the 12th the small depression had moved away rapidly in a south-easterly direction, for pressure was falling and was low in South-East Bengal, while over the west of the province pressure had increased rapidly. The low pressure area was, however, of little importance, and beyond a heavy shower (1·88 inches) at Chittagong, measured on the 13th, there were no local storm of any importance. On the 13th a further rapid increase of pressure took place in Bengal, and it became in excess by amounts ranging up to more than a tenth of an inch. The distribution of pressure indeed became more like that of February than that of March, and dry north-westerly winds with decidedly low temperature set in, the mean temperature being more than 5° in defect over a large part of the province. On the 14th the changes were unimportant, but on the 15th the high pressure began to give way and a moderate fall set in over Bengal on this day, and also on the 16th and 17th, when pressure became almost normal. At the same time also temperature began to rise decidedly, and by the 17th or the last day of the week it was about 1° to 2° in excess. With the falling pressure also the north-westerly winds gradually retreated, and on the 17th moist south-westerly winds were blowing in the west and south of the province, though in North Bihar and parts of North Bengal winds were north-easterly. During the last five or six days of the week also weather was settled in practically all districts, and except for a few local storms with rain reported on the morning of the 16th, the province was rainless for this period.

Pressure—Was in defect at the beginning of the week, decidedly in excess in the middle, and normal at its close. Hence the variations of pressure from the normal have not been large, and there has been an excess usually of about 0·03 inch to 0·05 inch.

Temperature—Owing to the rather cool wave which passed over the province in the middle of the week under review, the average mean temperature has been in defect by 1·1°. The largest defects have, however, been registered in East Bengal and Bihar, where they have equalled about 2°.

The actual temperatures registered during the week, and their variations from the normal temperature for the present season, are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the province are compared with the normal values for the same period. The day or maximum readings for the week have shown a decidedly lower temperature than usual, and the defect at the nine stations in the maximum or day temperature has equalled 2·3°, while in the night or minimum temperature the defect has averaged 2·1°.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 17th of March 1894.

	Normal mean maximum temperature for the week ending 17th March.	Actual mean maximum temperature for the week ending 17th March 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 17th March.	Actual mean minimum temperature for the week ending 17th March 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 17th March.	Actual mean daily temperature for the week ending 17th March 1894.	Variation of actual mean from the normal.
Outrack	86·2	86·1	-0·1	72·2	73·5	+1·3	84·2	84·8	+0·6
Calcutta	80·1	87·8	+7·7	69·2	67·6	-1·6	79·7	77·8	-1·9
Chittagong	80·2	83·6	+3·4	67·3	65·7	-1·6	76·8	74·6	-2·2
Burdwan	83·2	81·1	-2·1	68·2	67·2	-1·0	80·7	79·2	-1·5
Patna	80·0	88·0	+8·0	63·0	69·0	+6·0	76·5	73·5	-3·0
Gaya	82·8	81·1	-1·7	65·3	69·9	+4·6	79·1	75·5	-3·6
Purnea	80·1	86·3	+6·2	69·6	65·7	-3·9	79·1	71·1	-8·0
Hazaribagh	87·6	81·9	-5·7	62·0	60·6	-1·4	75·3	73·8	-1·5
Darjeeling	60·0	61·2	+1·2	41·0	39·6	-1·4	50·0	48·4	-1·6

Rainfall—Calcutta and the Dacca district have received a little more than an inch of rain, while the Chittagong district has averaged 0·94 inch. In the Midnapore, Howrah, Jessore and Tippera districts the falls have averaged between a quarter and half an inch. Small falls have also occurred in 24-Parganas, South Lushai Hills and Outrack districts, but in such cases as Hooghly, Khulna, Darjeeling and Bogra districts, though they have received rain, the amounts have averaged considerably less than a tenth of an inch.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 17th of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.								RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.				Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 10th Oct. 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average.		Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.	
South-West Bengal ...	89.3	53.3	80.8	66.3	78.6	-1.1	0.12	0.34	-0.12	0.20	0.45	-0.25	0.55	0.74	3.17	4.91	
North Bengal ...	92.5	50.1	86.6	67.9	72.3	-1.3	Nil	0.20	-0.20	0.00	0.25	-0.25	0.19	0.40	3.70	2.23	
East Bengal ...	87.6	54.1	84.3	65.9	75.1	-1.4	0.48	0.60	-0.12	0.72	0.75	-0.01	4.71	1.41	9.88	6.90	
Bihar ...	97.3	46.9	86.3	58.4	73.5	-2.3	Nil	0.07	-0.07	0.20	0.16	-0.16	0.10	0.20	5.00	3.77	
Orissa ...	98.2	64.7	88.8	73.0	80.9	+0.3	0.10	0.18	-0.06	0.20	0.30	-0.10	0.20	0.54	6.00	6.54	
Chota Nagpur* ...	99.7	63.7	89.1	61.9	75.5	-0.6	Nil	0.40	-0.40	0.00	0.37	-0.37	0.03	0.23	3.92	3.34	

* Daltongunj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 20th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 11th to 17th March 1894.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE.					HYGROMETRY.				Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
March	11th	29.859	81.7	91.0	18.7	72.3	84.6	76.5	.806	72.7	68	Nil
"	12th	29.831	74.4	85.4	22.0	63.4	77.0	59.7	.276	42.8	29	0.55
"	13th	30.025	74.2	87.0	25.7	61.3	80.6	61.7	.299	44.9	29	...
"	14th	30.048	77.0	89.0	24.1	64.9	76.6	73.6	.784	71.9	66	...
"	15th	29.989	80.2	91.0	19.7	70.3	84.6	77.5	.850	74.3	72	...
"	16th	29.971	82.6	95.0	24.8	70.2	85.4	78.5	.883	75.5	72	...
"	17th	29.911	85.1	97.4	24.6	72.8	86.6	76.6	.778	71.7	62	...

											Inches.
The mean 10 A.M. pressure of the seven days ...											29.963
The mean temperature of the seven days ...											79.3
The extreme variation of temperature ...											36.1
The maximum temperature ...											97.4
											%
The mean 10 A.M. relative humidity of the seven days ...											60
											Inch.
The total fall of rain from 11th to 17th March 1894 ...											0.55
The daily mean temperatures are the crude means of maximum and minimum temperatures.											

O. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 19th March 1894.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MARCH 28, 1894.

OFFICIAL PAPERS.

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CONTENTS.

	Page.		Page.
Survey and settlement of the Hukumapur estate in the district of Birbhum belonging to the Burdwan Raj	463	STATEMENT of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 24th of March 1894	466
Resolution on the Report of the Health Officer of the Port of Calcutta for 1893	467	Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowmahatta from 18th to 24th March 1894	470
Rainfall, Weather, and State and Prospects of the Crops	469	Statement showing heights over mean sea-level and low water in the Rivers Ganges, Bhagirathce, Jellinghee and Brahmaputra for the month of February 1894	471
Results of the Meteorological Observations taken at the Alipore Observatory from 18th to 24th March 1894	469	Circular and Eastern Journals for the week ending Saturday, the 24th March 1894	473
Meteorological report of the Province of Bengal for the week ending Saturday, the 24th of March 1894	469	Weekly Account of Traffic Receipts on Indian Railways	473

SURVEY AND SETTLEMENT OF THE HUKUMAPUR ESTATE IN THE DISTRICT OF BIRBHUM BELONGING TO THE BURDWAN RAJ.

REVENUE DEPARTMENT—LAND REVENUE.

Calcutta, the 27th March 1894.

RESOLUTION—No. 1684.

REAL—

Letter No. 994A, dated the 19th September 1893, from the Board of Revenue, submitting the final report of the survey and settlement of the Hukumapur estate in the district of Birbhum belonging to the Burdwan Raj.

The Settlement Officer's completion report of the survey and settlement of the Hukumapur estate, which is dated the 26th April 1892, reached the Director of Land Records in September 1892, but was not submitted to the Board till 1st July 1893. His Honour hopes that such unusual delays will not recur in future.

2. Hukumapur is a small estate, comprising 88 villages, in the district of Birbhum, the sole proprietor of which is the Maharaja of Burdwan. The area of the estate, according to the recent survey, deducting 556 acres measured but found to belong to other estates, is 15,127 acres, or not quite 24 square miles, and the Government revenue amounts to Rs. 4,454. At the revenue survey of 1852, about one-third of the estate was covered with forest, much of which has since disappeared, but the Sadar station of the district still draws its supply of firewood and charcoal from Hukumapur. The total population of the tract by the last

census is 7,872 souls (consisting of 3,867 males and 4,005 females), of whom 615 are Sonthals and 85 Dhangars, and the rest Hindus, semi-Hinduised aborigines, and Muhammadans. The Hukumapur estate originally belonged to the Mussalman Raja of Nagar, but was sold for arrears of revenue in 1844, and was purchased by the Burdwan Raj. The estate was let out in patni, but had to be brought to sale several times under Regulation VIII of 1819. Ultimately in 1886 the Raj bought back the tenure, and has ever since held it khas. No records exist of any previous settlement, nor does it appear that any regular settlement was ever made of the whole tract. The survey settlement including the preparation of a record of rights of this estate, as also of certain other khas mahals appertaining to the Burdwan Raj, was sanctioned on the recommendation of the Joint-Manager, Mr. H. R. Reily, who reported that the rent-rolls were in confusion. The notification ordering the survey dated the 15th January 1889 was issued under section 101 (2) (c) of the Bengal Tenancy Act. Babu Binode Bihary Sircar was appointed Settlement Officer, but was succeeded in October 1889 by Babu Sukumar Haldar, who remained in charge till the operations were concluded. By August 1889 the Survey Department, by whom the survey was made, had delivered the records of all the villages to the Settlement Officer, who published them finally under section 105 (2) of the Tenancy Act before the end of June 1891, and the work, including the distribution of copies of the khatians to landlords and tenants, but excluding the writing of the completion report, was finished in October 1891.

3. Considering the size of the estate, the operations were much protracted, with the result that the total cost, including the cost of the survey and settlement of the small estates of Panchberia and Chandnihat in the same district, with a combined area of 537 acres which also belong to the Burdwan Raj, amounted to Rs. 29,267, distributed as follows:—

	Rs.
Traverse and cadastral survey, including record-writing and stone embedding	10,500
Settlement	18,767
Total ...	29,267

The total area, including the area of the Panchberia and Chandnihat estates, being 15,664 acres, the cost of survey alone amounts to 10 annas 8 pies per acre, and that of settlement to Re. 1-3-2 per acre. Taking the figures in further detail, the cost of the traverse survey alone was annas 2-1 per acre, of the field survey annas 4-2 per acre, and of the record-writing annas 3 per acre. The pay of the Settlement Officer alone was more than half the cost of the entire settlement operations, and fell at the rate of annas 10 3 per acre.

4. These figures of expenditure, as well as the great delay which occurred in completing so small a settlement, are extremely unsatisfactory, and various explanations are given in the reports submitted, which may be summed up in one comprehensive phrase, the inexperience of the establishment. The high cost of the survey operations is attributed by the Director, Mr. Macpherson, to the fact that the records were written byamins who were strangers to the people and the language, and without the superintendence of Revenue Officers, who, when they came to carry out the settlement work, found numerous defects in the records. These faults in the system have now been cured by the appointment of Colonel Sandeman as Director of Bengal Surveys, and by the rules under which Survey and Revenue Officers co-operate from the beginning in the preparation of the village records. The delay and the expensiveness of the settlement operations are attributed by the Board to (1) the attempt to assess rents by soil rates, and (2) to the action, and sometimes the inaction, of the Raj establishment. As to the first cause it was pointed out by the Lieutenant-Governor in May 1891 that the suggestion to adopt soil rates for the fixation of rents, which was tried only in a single village and found to be impracticable, can hardly have been responsible for any great portion of the delay. The second cause was undoubtedly the principal one. The Settlement Officer writes:—"No one was appointed by the Manager Mr. H. R. Reily with powers to deal with questions that arose on the spot without reference to

himself. It was only after the proceedings had dragged on for over twelve months (during which time the local agents of the estate, to shirk responsibility as they explained to me, raised endless objections to the recorded entries, and contested the fairest objections raised by the tenants without having power to settle them amicably, except by reference to the Manager at Burdwan) that Babu Mohesh Chandra Singh was sent with full powers to settle matters amicably. I am convinced that if such an officer had been deputed from the commencement, the work could have been finished within a few months with far better results to the Raj." No doubt this is true, for the survey of this insignificant area should have been finished in three months and the settlement in three months more, at less than a quarter of the cost actually incurred. It may be added that the Settlement Officer himself should have co-operated to this end by representing at once to the proper authorities the block which was being caused by the incompetence of the management.

5. Another cause was the large number of disputes requiring judicial decision. All lakhiraj entries were contested on behalf of the Raj under section 106 of the Tenancy Act, but in the great majority of instances the claims put forward by the agents of the Raj had eventually to be abandoned. When the attempt to settle rents by soil class rates was given up, the Settlement Officer was requested by the Raj authorities to settle fair rents according to law, and on its being found that there was no evidence in the possession of the Raj on which claims to enhancement could be based, repeated adjournments were applied for, and much delay occurred in consequence. In fact little progress was made till finally terms of compromise were proposed and accepted by 572 out of a total number of 1,289 raiyats. The amount of actual case-work done is thus stated in the Director's letter to the Board:—

"The number of objections summarily decided by the Settlement Officer during the proceedings was 949; the number of applications for settlement of fair rents was 37, which covered all the tenants of the estate (who were sued in groups), and the number of disputes decided under section 107 of the Tenancy Act was 861, of which 539 were contested."

6. The cultivated area of the Hukumapur estate increased from 14,951 bighas, according to the Revenue Survey of 1852, to 19,141 bighas in 1889, and the rental has increased under the present settlement from Rs. 11,685 (according to a rent-roll drawn up by a Raj official in 1876) to Rs. 13,762, the increase (Rs. 2,077) being due to the assessment of lands recently brought under cultivation. Although therefore the cost of the operations has been high, in fourteen years the landlord will be more than reimbursed for the expenditure incurred by the increased rental. He has also protected his estate from further encroachments by persons claiming rent-free tenures. Moreover, he has now a correct rent-roll and a starting point for any fair and reasonable enhancements to which future changes may entitle him.

7. Having regard to the facts that the survey-settlement was undertaken for the benefit of the proprietor of the estate, and that much of the delay and expense was caused by the action or inaction of the Raj authorities, and also to the advantages gained by the Raj, as stated in the preceding paragraph, the Lieutenant-Governor agrees, with the Board and the Director of Land Records that the entire cost of the operations should be borne by the Burdwan Raj.

Classification of tenants, cultivated area, &c.

8. The lands in the Hukumapur estate are classified as follows:—

			B.	K. C.	Acres.
Rent-paying area	...	...	22,888	2 14	7,629
Rent-free area	...	...	3,968	17 11	1,323
Non-rent-paying area	...	...	18,523	12 14	6,175
Total	...	...	45,380	13 7	15,127

It is understood that the non-rent-paying area consists chiefly of jungle.

The Raj has no *nij-jole* lands, nor are there any tenure-holders except rent-free-holders on the estate. The following table gives particulars as to the number of tenants of each class and the cultivated areas held by them:—

Class of cultivators.	Number of holdings.	Cultivated area.	Average area per holding.	Rent.	Average rent per bigha.
1	2	3	4	5	6
<i>Raiyats.</i>		B. K. O.	B. K. O.	Rs. A. P.	Rs. A. P.
Raiyats at fixed rates	16	806 3 6	39 13 6	365 6 2	0 8 4
Settled raiyats	1,223	10,440 3 9	8 2 12	12,438 8 4	1 3 8
Occupancy raiyats	43	34 19 10	8 5 11	211 10 6	0 11 7
Non-occupancy raiyats	91	375 15 8	4 2 9	316 8 4	0 13 0
Total raiyati	1,434	11,860 2 0	8 5 6	13,712 1 0	1 2 6
Rent-free holders	588	1,349 19 13	2 5 14	.....	.....
Chaukidar chakran	107	711 14 4	.....	.....	.....
Samindari	187	36 9 7	.....	.....	.....
Total rent-free and chakran	882	2,096 3 8	.....	.....	.....
GRAND TOTAL	2,316	13,958 5 8	.....	.....	.....
Under-raiyats	222	1,169 16 1	5 0 0	1,217 5 5	1 0 8

The following are the approximate areas under the different crops:—

	Acres.
Cereals and pulses	5,914 23
{ Rice	78 63
{ Wheat	171 74
{ Other food-grains (including pulses)	64 79
Oilseeds	95 42
Sugarcane	31 68
Fibres	44
{ Cotton	2 07
{ Jute	
{ Other fibres	
Total	6,359, or 19,236 standard
Area cropped more than once	16 bighas.

8. The settlement of the Panchberia estate, on which there are 230 tenants and under-tenants, was amicably concluded, and occupied only four days. The result shows an increase of rental from Rs. 1,128 to Rs. 1,246. The Chandnihat estate has 16 tenants and a rental of Rs. 6-13-8.

9. In paragraph 15 of his letter No. 1690T.A., dated the 1st July 1893, a copy of which accompanies the Board's letter, the Director of Land Records mentioned that he proposed to bring together in a note the discussions and decisions as to the proper method of dealing with claims to hold land rent-free. The Board are requested to favour the Lieutenant-Governor with a copy of the note if it has been received from the Director of Land Records.

ORDER.—Ordered that this Resolution be published in the *Calcutta Gazette*, and that a copy of it be forwarded to the Board of Revenue.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

RESOLUTION ON THE REPORT OF THE HEALTH OFFICER OF THE
PORT OF CALCUTTA FOR 1893.

No. 633 Marine.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

Dated Calcutta, the 27th March 1894.

RESOLUTION.

READ—

Letter No. 1529 of 6th March 1894, from the Sanitary Commissioner for Bengal, submitting the report of the Health Officer of the Port of Calcutta for 1893.

Establishment.—Dr. Forsyth was the Health Officer of the Port of Calcutta from 1st January to 6th June, from 12th July to 14th August, and from 28th October to 29th December 1893. In the intervals Surgeon-Captain Green and Dr. Rigby officiated, and Surgeon-Major Macrae acted on the 30th and 31st December. The duties were carried out in the steam launch *Relief* and the steam cutter..

2. *Inspections.*—The number of inspections has again fallen off, the total number of vessels inspected during the year being 1,465, against 1,497 during 1892. The total number of vessels that arrived in port was 1,000, of which 750 were inspected. There were 1,040 departures, of which 715 were inspected.

3. In paragraph 2 of this Department's Resolution No. 1119 Marine, dated 1st May 1893, it was requested that in future reports the reasons for the non-inspection of vessels should be given. This has not been done.

4. *Ventilation of crew's spaces, &c.*—Larger ventilating tubes have been placed in the fore-castle of several ships, and covered-in bathrooms for the use of the native crew have been built in others. The larger question of the measures to be adopted for the improvement of the fore-castle accommodation by the use of wooden sheathing and protective screens is under the consideration of Government.

5. *Sickness and mortality among European seamen.*—The number of European seamen who arrived in port during the year was 16,218, against 21,635 during the previous year. The daily average number in port was 2,081 against 2,133 in 1892. The total number of admissions into hospital was 1,560, and the death-rate per mille was 13.93. Including deaths out of hospital, the death-rate per mille during the year was 24.50 against 15.47 in 1892, 35.7 in 1891, and 32.1 in 1890. The total number of natural deaths was 36 against 25 and 42 in the two previous years. Of these 36 deaths, 29 occurred in hospital and 7 outside.

6. Of the admissions into hospital, 12 cases were due to cholera with 11 deaths. There were 13 admissions from scurvy, small-pox and sunstroke with no deaths. On board vessels, however, there were two cases of sunstroke, both terminating fatally. There were 15 cases of drowning, against 8 and 9 in the two previous years.

7. The Lieutenant-Governor observes that the Health Officer, in writing of the four cases of scurvy which occurred during the year, has given an account of the condition of each patient. Such accounts are of little or no value in an Administration Report. It would have been more to the point had the Health Officer stated if the vessels were properly provided with fresh meat and vegetables, lime juice, &c., or if there was any explanation for the outbreak of scurvy.

8. During the year three vessels arrived from Jeddah with pilgrims, viz., the S.S. *Sultan*, *Chollerton*, and *Maria Theresa*, and the deaths during the voyages were 77, 80 and 13 respectively. There were also several cases of smallpox on board on arrival. On an inspection of these vessels it was ascertained that in several instances the provisions of the Native Passenger Ships Act and the rules made under it for the conveyance of the Red Sea pilgrim traffic had been infringed; but as the vessels left port soon after arrival, no steps could be taken against them. Instructions have, however, since been issued to the officers concerned, so that in future, should any irregularities occur, prompt action will be taken and prosecutions for any infringement of the law instituted.

9. The information given in table E for native seamen should also be supplied for European seamen, so as to show the admissions and deaths for each Hospital separately. The necessary columns might be added to the present table C.

10. The following table shows the admissions into hospital of European seamen suffering from venereal diseases :—

Year.	Total admissions.	Rate per mille.
1883	237	127·4
1884	184	109·2
1885	170	100·4
1886	417	179·2
1887	228	120·4
1888	183	121·1
1889	186	114·3
1890	248	147·7
1891	185	129·7
1892	470	224·5
1893	386	185·4

Both the number of admissions and the ratio are larger than in any previous year except 1892.

11. There were 31 deaths at sea, against 43 and 28 in the two previous years.

12. *Sickness and mortality among the native floating population.*—There were in all 72 deaths in and out of hospital, against 132 and 170 in 1892 and 1891. The death-rate per mille is 2·80, and is lower than the rate for the two previous years. Of the total deaths, 16 were in hospital and 56 out of hospital. There were 28 deaths from cholera—6 in hospital and 22 out of hospital. No explanation is given why so many men were allowed to die out of hospital.

13. *Food.*—There were only eight complaints as to the quality of food on board vessels coming to the port. The complaints were found to be correct in four instances.

14. *Water supply.*—In regard to the water supply, the Health Officer writes:—"The system of supply in vogue at present is to fill up the tanks in water boats from the hydrants on the bank and to place the man hole key in charge of the head boatman. Although these tanks are placed under lock and key, the man hole is not kept covered, and the boatmen have been caught bathing and washing clothes over the man hole of a filled tank." The present arrangement is very unsatisfactory, and it is not clear why the man hole is not locked when there is a key for the purpose. The Municipal Department of this Government will be requested to make enquiries as to the existing arrangements, and whether sufficient measures have been taken to stop the abominations brought to notice by the Health Officer.

15. *Conservancy.*—The Health Officer reports that the brick-field foreshore at Ghosery still continues to be used as a latrine by the brick-field workers and boatmen of native craft moored along that part of the shore. With reference to the similar complaint made last year, the Magistrate of Howrah reported on the 6th July 1893 that constables had been told off for duty at the foreshore from 4 A.M. to 10 A.M., and from 3 P.M. to 9 P.M., with instructions to send up persons committing nuisances there. Apparently the measures adopted by the Magistrate have had little or no effect, and he will again be asked to report what further steps should be taken to stop the nuisance altogether.

Corpses and carcasses.—It is unsatisfactory to find that the number of corpses and carcasses found floating in the river and sunk within port limits shows an increase under both headings.

By order of the Lieutenant-Governor of Bengal,

A. D. McARTHUR, Lieut.-Col., R.E.,
Offg. Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 24th March, 1894.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
Burdwan Divn.	1 Burdwan Mar. 24, '94 Nil Kalna ... Nil Katwa ... Nil Raniganj ... Nil	Nil	Weather—seasonable. Harvesting of potatoes and <i>rabi</i> crops continues. Sugarcane pressing going on. Prices of common rice:— <div style="text-align: right;"> Srs. Burdwan ... 10 to 15 Kalna ... 10 to 14 Katwa ... 15 Raniganj ... 15 } per rupee. </div>
	2 Birbhum .. 24, '94 0.01 Rampur Hat ... Nil	0.01 Nil	Weather—getting hot. <i>Rabi</i> crops nearly harvested. Sugarcane pressing still going on, but outturn is reported to be not good. Common rice sells at from 12 to 18 seers per rupee. Fodder and water available.
	3 Bankura .. 24, '94 Nil	Nil	Weather—getting warm. Rain wanted for rice cultivation for which lands are being prepared. Pressing of sugarcane continues. Fodder and water sufficient. Rice sells at— <div style="text-align: right;"> Srs. Sadar ... 17½ Vishnupur ... 16½ } per rupee. </div>
	4 Midnapore .. 24, '94 Nil	Nil	Weather—growing hotter. Indigo plants prospering. <i>Boro</i> rice still being sown, but suffering for want of moisture. Prices of common rice:— <div style="text-align: right;"> Srs. Sadar ... 16½ Contai ... 18 Tamluk ... 14 Ghatol ... 14 to 15 } per rupee. </div>
	5 Hooghly .. 24, '94 Nil	Nil	Weather—excessively hot. Cultivation of vegetable crops in progress. <i>Rabi</i> harvest and sugarcane pressing practically over. Price of common rice at Sadar 11 to 12 seers per rupee.
	6 Howrah .. 24, '94 Nil Ulubaria ... Nil	Nil Nil	Weather—seasonable. Rain wanted for <i>boro</i> paddy. Condition of cattle good. Fodder and water-supply sufficient. Price of rice 10 to 14 seers per rupee.
	7 24-Parganas .. 24, '94 Nil	Nil	Weather—seasonable. No crops on the ground except <i>boro</i> rice. Rain wanted for <i>boro</i> rice. Condition of cattle good. Fodder and water sufficient. Rice sells at— <div style="text-align: right;"> Seers. Cr. Sadar ... 11 to 14 0 Baranati ... 12 0 Basirhat ... 14 8½ Diamond Harbour ... 13½ 0 } per rupee. </div>
	8 Nadia .. 24, '94 Nil Kuchtia ... Nil Meherpur ... Nil Chusmanga ... Nil Ranaghat ... Nil	Nil Nil Nil Nil Nil	Weather—hot and dry. Harvesting of <i>rabi</i> crops almost complete; outturn below the average. Want of rain retards preparation of lands. Price of rice 12½ to 13½ seers per rupee. Difficulty as to water-supply felt in places.
	9 Murshidabad .. 24, '94 Nil	Nil	Weather—getting hot. Gram, wheat and barley are being harvested. Mulberry and indigo seem to be promising, but mulberry wants rain. Fodder sufficient for cattle. Common rice sells at 14 seers per rupee.
	10 Jessore .. 24, '94 Nil Jhenida ... Nil Magura ... Nil Narail ... Nil Bangson ... Nil	Nil Nil Nil Nil Nil	Weather—seasonable. Harvesting of <i>rabi</i> crops over. Sowing of <i>til</i> and planting of sugarcane have commenced. <i>Chena</i> is being harvested. Prospects of <i>boro</i> rice good. Fodder and water sufficient except in Jhenida. Prices of rice as below— <div style="text-align: right;"> Srs. c. Sadar ... 12 to 13 0 Bangson ... 10 to 12 0 Magura ... 12 0 Jhenida ... 11 4 Narail ... 12 4 } per rupee. </div>
	11 Khulna .. 24, '94 Nil Bagerhat ... Nil Satkhira ... Nil	Nil Nil Nil	Weather—seasonable. Prospect of <i>boro</i> paddy continues fair, but more rain is needed. Lands are being cultivated for <i>til</i> and jute. Common rice sells at from 11 to 14½ seers per rupee. Fodder and water sufficient.
Paschim Divn.			

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—consolid.			
RAJSHAHI DIVN.	12 Rajshahi Nutor Naugaon	Mar. 24, '94 Nil Nil Nil	Weather—seasonable. There are not many crops on the ground, and they are only moderately good. Agricultural operations are at a perfect standstill for want of rain, which has not fallen in any appreciable quantity for nearly five months. Water-supply and fodder are ample. There is no cattle-disease. Rice is selling at from 13 to 15 seers per rupee.
	13 Dinajpur	„ 24, '94	Nil Weather—occasionally cloudy with westerly wind. Nights still cool. Sowing of jute and <i>bhadol</i> rice going on in some places. Common rice selling at from 13 to 15 seers per rupee. Condition of cattle good. Fodder and water sufficient.
	14 Jalpaiguri	„ 24, '94	Nil Weather—seasonable. Lands are being prepared for <i>bhadol</i> and jute crops. Prices of common rice stationary. Condition of cattle good. Supply of water and fodder sufficient.
	15 Darjeeling Siliguri	„ 24, '94 0.08 Nil	Weather—bright and clear in the hills; growing warm in the Terai. In the Hills:—Wheat and barley being harvested. <i>Bhutia</i> being planted. Potatoes thriving. In the Terai:—Lands are still being ploughed. Cattle healthy. Prices of coarse rice:— Srs. Hills 11 } per rupee. Terai 12 }
	16 Rangpur Nilphamari Kurigram Gaibanda	„ 24, '94 Nil Nil Nil Nil	Weather—warm in the day time with cool mornings. Jute and <i>aus</i> paddy are being sown. Rain wanted for sowings. Rice sells at from 11 to 15 seers per rupee. Some scarcity of fodder and water reported from Kurigram.
	17 Hojra Sheryur Naikhila	„ 24, '94 Nil Nil Nil	Weather—seasonable. Sowing of <i>aus</i> commenced. Preparation of lands for jute still continues. Price of rice stationary. Fodder and water sufficient.
	18 Pabna	„ 24, '94	Nil Weather—seasonable with hot days and cool nights. State and prospects of standing crops fair, but more rain wanted. At Serajganj common rice selling at from Rs. 3-4 to Rs. 3-8 per maund and jute at Rs. 6. At Sadar rice selling at 12 seers per rupee.
	19 Dacca	„ 24, '94	Nil Weather—hot. Prospects of standing crops fair. Ploughing for sowing of <i>aus</i> rice and jute going on. Common rice selling at from 10 to 12 seers per rupee. Fodder available. There is want of drinking water in many places. No cattle-disease.
DACCA DIVN.	20 Mymensingh	„ 24, '94	Nil Weather—cold in the morning and hot in the day time. Prospects of standing crops good. Lands are being cultivated for <i>aus</i> paddy and jute. Common rice sells at 10 seers per rupee. Water for all purposes available. Fodder available.
	21 Faridpur Goalundo Madaripur	„ 24, '94 Nil Nil Nil	Weather—seasonable. State of <i>rabi</i> crops fair. Land is being prepared for early rice and jute, but rain needed. Cattle-disease prevails in the jurisdiction of the Kotallipara police-station in Madaripur subdivision. Common rice sells at:— Srs. Sadar 12 } per rupee. Goalundo 12 } Madaripur 13 }
	22 Jackergunge	„ 24, '94	Nil Fodder available. No want of water for drinking and domestic purposes. Weather—seasonable. State and prospects of crops fair. Ordinary rice sells at from 10 to 13 seers per rupee. Fodder and water for cattle sufficient. Water for drinking purposes is scarce in police-stations of Jhalakati, Matbaria, Bhandaria, and Gulsakhali, and in outposts of Badartuni, Bamna, Nazirpur, and Fuljuri.
CURRADORE DIVN.	23 Pippura	„ 24, '94	Nil Weather—seasonable. Prospects of standing crops good. Sowing of jute and <i>aus</i> paddy going on. Rice sells at from 10 to 11 seers per rupee.
	24 Nankhali	„ 24, '94	Nil Weather—seasonable. Harvesting of <i>rabi</i> crops and sowing of <i>aus</i> crop commenced. No cattle-disease. Water and fodder available. Price of common rice stationary.
	25 Chittagong	„ 24, '94	Nil Weather—seasonable. Prospects of spring crops poor: other crops also somewhat damaged by recent rain and hailstorm. Prices stationary. Water and fodder sufficient.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR.			
26	Patna Mar. 24, '94	Nil	Weather—hot with high west wind. <i>Rabi</i> is practically all harvested, except <i>rahar</i> which is ready for reaping. Outturn generally excellent. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Srs.</div> <div>Sadar 15½</div> <div>Barh 15</div> <div>Bihar 16½</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
27	Gaya „ 24, '94 Jahanabad ... Aurangabad ... Nawada ..	Nil Nil Nil Nil	Weather—growing hot. Harvesting of <i>rabi</i> crops continues. Collection of opium nearly over. Prices stationary. Fodder and water-supply ample.
28	Shahabad „ 24, '94	Nil	Weather—hot with high winds. Harvesting and threshing of <i>rabi</i> crops continue. Collection of opium nearly finished; yield very poor.
29	Saran „ 24, '94 Siwan ... Gopalganj ...	Nil Nil Nil	Weather—seasonable. <i>Rabi</i> harvesting going on rapidly. Sugarcane is being planted. Fodder and water plentiful. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Srs. 0.</div> <div>Chapra 14 8</div> <div>Siwan 14 0</div> <div>Gopalganj 15 6</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
30	Champeran „ 24, '94	Nil	Weather—early mornings still cool, days getting warm; high west wind prevailing. <i>Rabi</i> harvesting going on. Prospects of outturn good. Collection of opium continues. Estimate somewhat reduced owing to the appearance of blight, which has affected, to some extent, the crop on sandy soil and the late sowings. Prices of food-grains stationary during the week.
31	Muzaffarpur „ 24, '94	Nil	Weather—hot west wind. Harvesting of <i>rabi</i> crops in progress. Collection of opium going on. Health of cattle generally good. Fodder and water sufficient.
32	Darbhanga „ 24, '94	Nil	High west winds prevailing. Harvesting of <i>rabi</i> crops continues. Indigo sowings germinating well. Collection of opium nearly completed. Lands being ploughed for <i>mug</i> and early paddy sowings. Fodder and water for cattle sufficient. Prices remain steady.
33	Monghyr „ 24, '94 Begusarai ... Jamui ...	Nil Nil Nil	Weather—getting warmer daily. About 12 annas of the <i>rabi</i> crops have been harvested. Lancing of poppy capsules completed. Indigo and other standing crops doing well. Small-pox among cattle in some villages near Nowadib. Fodder and water sufficient. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Srs.</div> <div>Sadar 13 to 16</div> <div>Begusarai 16</div> <div>Jamui 15</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
34	Bhagalpur „ 24 '94 Banka ... Madhipura ... Supaul ...	Nil Nil Nil Nil	Hot winds have commenced, but nights are still cool. Wheat harvest is in full swing. Outturn varies from 12 annas in the south to 8 annas in the light sandy soils in the north of the district. Rain is now much wanted for cultivation. Price of common rice 16 seers 6 chitaks per rupee.
35	Purnea „ 24, '94 Kishanganj ... Araria ...	Nil Nil Nil	Hot weather is rapidly setting in; strong west wind blowing. <i>Rabi</i> crops are in a satisfactory state and are being harvested here and there. Sowing of <i>khadoi</i> crops continues. Indigo sowings are in full progress, but rain is wanted in some parts. Fodder and water sufficient. No cattle-disease. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Srs.</div> <div>Sadar 13 to 18</div> <div>Kishanganj 15</div> <div>Araria 17</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.															
BIHAR—conold.																		
BHAGALPUR DIVN.—conold.	86 Malda Mar. 24, '94	Nil	Weather—getting warm; strong west wind blowing. Rain much wanted. <i>Rabi</i> crops being reaped; estimated outturn 8 to 12 annas. <i>Boro</i> rice thriving. Lands are being ploughed for <i>aus</i> paddy. Price of ordinary rice varies from 13 to 16 seers per rupee. Fodder and water sufficient.															
	87 Sonthal Parganas .. 24, '94	0.01	Weather—hot in the day with west winds. Wheat harvesting continues. <i>Mahua</i> crop promises well. Fodder and water sufficient. Price of rice 14 to 18 seers per rupee.															
	Deoghur ...	Nil																
	Pakur ...	Nil																
Jamtara ..	Nil																	
ORISSA.																		
ORISSA DIVN.	38 Cuttack .. 24, '94	Nil	Weather—hot. All crops on the ground doing well. The estimated outturn of tobacco is 10 annas. Fodder and water sufficient. Common rice sells at— <table><tr><td></td><td>Srs. c.</td><td>Srs. c.</td></tr><tr><td>Sadar</td><td>...</td><td>10 8 to 16 7</td></tr><tr><td>Jajpur</td><td>...</td><td>14 0 to 17 0</td></tr><tr><td>Kendrapara</td><td>...</td><td>14 0 to 17 2</td></tr><tr><td>Banki</td><td>...</td><td>17 11</td></tr></table> } per rupee.		Srs. c.	Srs. c.	Sadar	...	10 8 to 16 7	Jajpur	...	14 0 to 17 0	Kendrapara	...	14 0 to 17 2	Banki	...	17 11
		Srs. c.	Srs. c.															
	Sadar	...	10 8 to 16 7															
Jajpur	...	14 0 to 17 0																
Kendrapara	...	14 0 to 17 2																
Banki	...	17 11																
39 Balasore .. 24, '94	Nil	Weather—seasonable. Sugarcane is being pressed. <i>Dalua</i> rice is the main standing crop and is ripening. Ploughing going on in some places, but rain is wanted. Coarse rice sells at 18 seers per rupee at Sadar.																
40 Puri .. 22, '94	Nil	Weather—warm. <i>Dalua</i> rice, cotton, <i>mug</i> , and <i>cheena</i> crops want water and are likely to die. Cattle-disease reported from the interior. Rice sells at from 17 seers 1 chitak to 18 seers 6 chitaks per rupee.																
CHOTA NAGPUR.																		
South-West Frontier Agency.																		
CHOTA NAGPUR DIVN.	41 Hazaribagh Mar. 24, '94	Nil	Weather—warm with west winds. Transplanting of sugarcane and ploughing in progress. Opium 15 annas harvested; some deficiency in the outturn expected. Fodder and water sufficient.															
	Giridi ...	Nil																
	42 Lohardaga .. 24, '94	0.05	Weather—seasonable. Ploughing continues. Wheat and barley are being reaped. Common rice selling at 16 seers per rupee. Fodder and water sufficient.															
	43 Palamu .. 23, '94	Nil	Weather—cloudy and threatening, but it seems to have cleared up today (23rd). <i>Rabi</i> harvesting still going on. <i>Mahua</i> promises well. Mango crop does not promise a good outturn. Rice selling at from 26 to 28 seers per rupee. Fodder and water-supply normal.															
	44 Manbhum .. 24, '94	Nil	Weather—hot. Prospects of <i>mahua</i> good. Water and fodder sufficient.															
Gobindpur ...	Nil																	
45 Singhbhum .. 24, '94	Nil	Weather—getting very warm; hot winds blowing. Wheat, gram, cotton, <i>rahar</i> , linseed and <i>mahua</i> are being harvested; 12 to 16 annas outturn expected throughout the districts excepting the Kolhan, where it is estimated at 8 annas only. Price of common rice ranges from 10 to 16 seers per rupee.																

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 27th March, 1894.C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY,
THE 24TH OF MARCH 1894.

On the 18th instant, or at the commencement of the week, a rather brisk fall of pressure occurred, and a feeble low-pressure area developed over Bengal, and winds showed slight indraught towards it. The low-pressure area was, however, of little importance, and with an increase of pressure, which occurred on the 19th, it practically disappeared. On this day westerly winds extended over the greater part of Bengal, and hence humidity became decidedly low except at the eastern stations, while temperature on the other hand generally rose considerably and became in excess of the normal. On the 20th the pressure changes were rather irregular, and a moderate fall had occurred at some of the northern stations, while pressure was rising in many other cases, and a shallow barometric depression appeared in North Bengal. Westerly winds prevailed again to a most unusual extent in Bengal, and the air was abnormally dry over the greater part of the Province. On the 21st pressure had again risen rather briskly in North Bengal, and the depression over that area had quite disappeared, but the strong westerly wind current continued, giving abnormally low humidity, and at 8 A.M. on this day the saturation of the air with moisture at Hazaribagh was only 23 per cent. of the possible amount. On the 22nd the changes were quite unimportant, the pressure changes being exceedingly small and fine dry settled weather generally prevailed except in parts of Chota Nagpur, where light showers, probably accompanying dust storms, were reported. On the 23rd the changes of pressure were again small and unimportant, and weather continued fine in all districts. Westerly winds with unusually low humidity were also reported at all except the eastern stations. On the 24th, or the last day of the week, pressure was falling slowly over the whole province, but it was still above the normal by small to moderate amounts, the excess being largest at the western stations. A fairly steady westerly wind current was blowing over the whole province, giving exceptionally low humidity, while temperature continued high, the mean being above the normal by from about 2° to 4°.

Pressure.—The mean pressure for the week has been in excess of the normal over the greater part of the province. The excess has been very small at the eastern and north-eastern stations, while it has ranged up to about 0.3° and 0.04° at the western stations.

Temperature.—Has been in excess of the normal in all divisions by between 1° and 2°, the mean excess equalling 1.3° and the excess has been largest in South-West and North Bengal.

The actual temperatures registered during the week, and their variations from the normal temperature for the present season, are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the province are compared with the normal values for the same period. The day, or maximum, readings for the week have shown a slightly higher temperature than usual, and the excess at the nine stations in the maximum, or day, temperature has equalled 0.9°, while in the night, or minimum, temperature the excess has averaged 1.0°:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 24th of March 1894.

	Normal mean maximum temperature for the week ending 24th March.	Actual mean maximum temperature for the week ending 24th March 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 24th March.	Actual mean minimum temperature for the week ending 24th March 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 24th March.	Actual mean daily temperature for the week ending 24th March 1894.	Variation of actual mean from the normal.
Cuttack	87.1	89.7	+2.6	78.9	74.1	+0.3	85.5	86.9	+1.4
Calcutta	91.5	93.3	+3.8	71.3	70.5	—0.7	81.4	82.9	+1.5
Chittagong	86.0	86.5	+0.5	69.3	72.0	+2.7	78.0	79.3	+1.3
Burdwan	95.2	97.1	+1.9	69.4	70.8	+1.4	82.3	84.0	+1.7
Patna	93.4	94.6	+1.2	65.3	69.0	+4.4	79.3	82.1	+2.8
Gaya	93.4	93.2	—0.2	67.0	66.2	—0.4	81.7	79.7	—2.0
Purnea	92.4	94.7	+1.3	61.7	62.7	+1.0	77.1	74.3	—2.8
Hazaribagh	80.0	80.4	+0.4	65.8	67.1	+1.3	78.4	78.4	0
Darjeeling	88.3	89.4	+1.1	64.8	66.7	+0.1	81.6	82.1	+0.5

Rainfall.—Has been practically absent from the province throughout the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 24th of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1884.	
			Of highest of each day.	Of lowest of each day.	Of mean of each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.		
South-West Bengal ...	103.9	66.5	90.7	72.0	84.3	+1.0	0.06	0.15	-0.12	0.13	0.21	-0.18	0.61	0.92	3.23	5.09
North Bengal ...	97.5	57.5	83.8	61.6	70.2	+1.8	Nil	0.28	-0.28	0.00	0.38	-0.38	0.19	0.77	3.70	2.86
East Bengal ...	96.5	53.1	69.5	70.7	80.1	+1.2	Nil	0.47	-0.47	0.00	0.65	-0.65	4.71	1.88	9.62	6.09
Bihar ..	104.3	58.5	94.2	66.7	80.5	+1.7	Nil	0.08	-0.08	0.00	0.12	-0.12	0.10	0.22	3.00	2.23
Orissa ...	102.2	69.4	91.5	73.6	82.6	+1.2	Nil	0.24	-0.24	0.00	0.41	-0.41	0.30	0.76	6.00	6.78
Chota Nagpur.* ...	100.8	69.7	82.6	69.2	80.9	+1.4	Nil	0.10	-0.10	0.00	0.19	-0.19	0.03	0.93	3.92	3.94

* Daltongunj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 27th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 18th to 24th March 1894.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE.						HYGROMETRY.			Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
March	18th	29.840	83.9	97.0	26.2	70.8	86.6	76.5	.778	71.7	62	Nil
"	19th	29.890	83.2	98.5	20.7	72.8	89.6	72.8	.573	62.8	41	"
"	20th	29.929	81.9	96.0	28.3	67.7	87.6	69.6	.483	58.0	37	"
"	21st	29.953	83.9	97.0	26.2	70.8	87.6	73.6	.640	66.0	49	"
"	22nd	29.945	83.0	95.0	24.0	71.0	86.4	69.6	.500	59.0	39	"
"	23rd	29.924	84.9	98.0	26.3	71.8	88.6	76.5	.750	70.6	66	"
"	24th	29.898	85.6	98.5	26.9	72.6	92.6	72.6	.685	60.6	35	"

										Inches.
The mean 10 A.M. pressure of the seven days ...										29.911
The mean temperature of the seven days ...										83.8
The extreme variation of temperature ...										30.8
The maximum temperature ...										98.5
The mean 10 A.M. relative humidity of the seven days ...										46
The total fall of rain from 18th to 24th March 1894 ...										Nil
The daily mean temperatures are the crude means of maximum and minimum temperatures.										

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 26th March 1894.

IRRIGATION DEPARTMENT, —BENGAL.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra for the month of February 1894.

Date.	RIVER GANGES.												RIVER BRAHMAPUTRA.
	Mitrapur.	Benares.	Patna.	Dinapore.	Monghyr.	Sahibganj.	Rampur.	Posalia.	Gostundo.	RIVER JALANGI.	RIVER BHAGIRATHI.	Saragauj.	Gowhatty.
Miles.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.	From Allahabad.
Distance.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.
1st.	172	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
2nd.	192	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
3rd.	210	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
4th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
5th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
6th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
7th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
8th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
9th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
10th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
11th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
12th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
13th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
14th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
15th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
16th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
17th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
18th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
19th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
20th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
21st.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
22nd.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
23rd.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
24th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
25th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
26th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
27th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14
28th.	211	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14	206 14

CALCUTTA,

The 26th March 1894.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

Calcutta Gazette
of 4th April / 54
missing



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 11, 1894.

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CONTENTS.

	Page.		Page.
LIBERALITY of Babu Krishna Mohan Rudra Sarkar	527	RESULTS of the Meteorological Observations taken at the	
Antwerp Exhibition	528	Alipore Observatory from 1st to 7th April 1894	527
Estimates of outturn of rabi and special crops of Bengal, 1893-94	529	Meteorological report of the Province of Bengal for the week ending Saturday, the 7th of April 1894	528
Rainfall, Weather, and State and Prospects of the Crops	534	Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 7th of April 1894	530
Prices-current (retail) of Food-grains, Fire-wood, and Salt in the Head-quarters Station Bazaars of the Districts of Bengal on the 31st March 1894	535	Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 1st to 7th April 1894	535
Statement showing the stocks of Rice in and around Calcutta	534	Abstract statement showing Tollage on Canals in Bengal classed as Major and Minor works for the month of February 1894	536
Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of March 1894	535	Circular and Eastern Canals for the week ending Saturday, the 7th April 1894	537
Meteorological Report of the Province of Bengal for the month of March 1894	536	East Indian Railway for the month of February 1894	538
Table of Rainfall recorded at Stations in Bengal for the month of March 1894	538	Eastern Bengal State Railway for the month of January 1894	539
Abstract of the Results of the Barometric and Thermometrical Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of March 1894	536	Bengal Central Railway for the month of January 1894	539
		Weekly Return of Traffic Receipts on Indian Railways	539

LIBERALITY OF BABU KRISHNA MOHAN RUDRA SARKAR.

No. 1264, dated Calcutta, the 6th April 1894.

From—C. E. BUCKLAND, Esq., Secretary to the Government of Bengal,
To—The Director of Public Instruction, Bengal.

WITH reference to the correspondence ending with your letter No. 2106, dated the 23rd March 1894, I am directed to forward for your information, and for communication to Babu Krishna Mohan Rudra Sarkar, the enclosed copy of a Notification of this date regarding the endowment fund of Rs. 6,000 created by him for the maintenance of a Sanskrit Tol at his native village at Irhpala, in the district of Midnapore, called in memory of his mother "The Sibani Fund."

2. I am to request that you will be so good as to convey to the donor an expression of His Honour's acknowledgment of his liberality and public spirit.

This letter will be published in the *Calcutta Gazette*.

ANTWERP EXHIBITION.

No. 1974Mis.

The following is published for general information :—

C. E. BUCKLAND,
Secy. to the Govt of Bengal.

REVENUE DEPT.,
The 7th April 1894.

Extract from the Proceedings of the Government of India, Department of Revenue and Agriculture, No. 1545 M. and E., dated 28th March 1894.

MUSEUMS and EXHIBITIONS.

READ—

Resolution of the Government of India in the Department of Revenue and Agriculture, No. 7-3, dated 19th February 1894, intimating the arrangements that had been made by the Government of India in connection with the Antwerp Exhibition.

RESOLUTION.

In continuation of the Resolution read in the preamble, the Government of India desire to intimate that they have availed themselves of the services of Mr. Gerald R. deCourcy-Perry, Her Majesty's Consul-General at Antwerp, as Commissioner for the Government of India at the Exhibition, to officially represent their interests at the Exhibition.

ORDER.—Ordered that this Resolution be published in the Supplement to the *Gazette of India* for general information, and that copies be forwarded to all Local Governments and Administrations, with the request that it be republished in the local Gazettes.

(True Extract.)

M. FINUCANE,
Offg. Secy. to the Govt of India.

ESTIMATES OF OUTTURN OF RABI AND SPECIAL CROPS OF
BENGAL, 1893-94.

THE following is published for general information.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

The 5th April, 1894.

Secy. to the Govt. of Bengal.

DEPARTMENT OF LAND RECORDS AND
AGRICULTURE, BENGAL.

Note on the outturn of rabi food-grains and of tobacco, sugarcane, opium, mulberry and ganja in Bengal for 1893-94 (based on returns received from District Officers) down to 29th March 1894.

1. *Explanatory.*—The returns of the estimates of outturn of *rabi* and important special crops published in previous years embraced a large number of crops, some of which were unimportant, and others, like cotton and oilseeds, are the subject of special reports. The present returns have been considerably reduced in size by omission of all unimportant crops, and also of those crops, except wheat, which are the subject of special reports. Wheat has been retained in this report, although it is the subject of a special report, in order that the return may be complete for *rabi* food-crops included under the description of cereals and pulses. Oats have been omitted, because it is believed that they are chiefly grown as a fodder crop for animals.

2. *Character of the season.*—Unusually heavy rain fell during the first three weeks of October 1893. This, combined with the heavy rainfall in the previous months, enabled the soil to retain a stock of moisture, and was so far beneficial, but at the same time the excessive moisture interfered with the timely preparation of land, and retarded the sowing operations. The heavy rains of October were followed by a long period of rainless weather which, with the exception of a few very light scattered showers in November, continued uninterrupted till the end of January. The *rabi* crops were seriously affected by the failure of the cold-weather rains. Prospects were somewhat improved by a moderate shower of rain which fell early in February in Bihar, and parts of Chota Nagpur and North Bengal; elsewhere there was no rain till the last days of February, when a period of wet weather set in throughout these Provinces, lasting till the close of the first week of March, and causing more or less damage to the crops which were then either in flower or were approaching maturity. The crops are reported to have suffered in some places from hail-stones at this time; and the wheat crop was injured in parts of Shahabad and Monghyr by blight, which appeared in consequence, no doubt, of the wet and cloudy weather during February and March.

3. *Area sown with rabi food-grains.*—The area sown with *rabi* food-grains this year is estimated at 9,044,300 acres against 9,248,000 acres estimated to have been cropped last year. On the whole, it may be said that the areas sown this year in Bihar are generally in excess of those of last year,

while in Central and East Bengal there appears to have been a falling off in consequence of the excessive rainfall during the last monsoon.

4. *Outturn of the rabi food-grains.*—For no district is the outturn of these crops estimated to be above the average. In 23 districts (which include all the districts of the Patna and Bhagalpur Divisions) the outturn is estimated to be between 12 and 16 annas, in 17 districts it is reported to be between 8 and 12 annas, and in four* only is the outturn estimated to be under 8 annas. The mean outturn for these Provinces may be estimated at between 12 and 14 annas or over $\frac{3}{4}$ ths of an average crop.

* Pabna, Bogra, Puri, and Singhbhum.

A preliminary report on the wheat crop of this year, as it appeared about the middle of January last, was published by this Department on the 14th February 1894. A second report on the same crop will be published in the beginning of May next. The character of the crop was estimated in the preliminary report at about 16 annas. The present returns show slight reductions in the previous estimates of outturn, but on the whole the crop may be safely estimated at about 14 annas.

5. *Special Crops.*—The special crops reported on are tobacco, sugarcane, opium, mulberry and *ganja*.

Tobacco.—The tobacco crop was adversely affected by the same climatic conditions as the *rabi* food-grains in general. Its outturn may be estimated at about 14 annas.

Sugarcane.—Was injured by excessive rainfall during the last monsoon season. It is estimated to have yielded about a 13-anna crop.

Opium.—The excessive rainfall during October interfered with the timely preparation of land and the sowing operations. The crop is reported to have been seriously injured in Shahabad by the rainfall during January and February. It may be expected to yield about an average crop on the whole.

Ganja.—The *ganja* crop in Rajshahi gave a poor outturn 10 annas) owing to the failure of the cold-weather rains.

B. C. BASU,

*Assistant to Director of Land Records
and Agriculture, Bengal.*

COUNTERSIGNED.

W. C. MACPHERSON,

*Offg. Director of the Dept. of Land Records
and Agriculture, Bengal.*

CALCUTTA,

The 2nd April 1894.

STATEMENT I.

Estimate of outturn of the Rabi Food-grains of Bengal, 1893-94.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district cultivated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e. cereals (other than oats) and pulse.	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 10 annas to represent the average outturn, how many annas represented this year's outturn?	Taking 10 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Burdwan	1,720,000	1,253,800	Wheat Barley Gram Peas and other pulses.	2,100 9,740 7,800 68,800	1,400 8,600 7,300 61,900	1,400 8,600 7,300 56,200	Annas. 11 11 11 11	Annas. 10 11 10 10	Excess of rainfall during sowing time and during last autumn and subsequent failure of rains has affected the outturn.	The Collector returned the normal outturn of this year's and this year's areas under wheat 1,286 acres. The figures shown in columns 5, 6 and 7 have been taken in preliminary wheat forecast, 1893-94.
Total	1,720,000	1,253,800		87,900	71,240	73,500	11	10		
Birbhum	1,121,920	438,000	Wheat Gram Peas and other pulses.	5,600 6,000 7,000	5,800 5,000 7,000	5,700 5,000 7,700	12 12 12	8 8 8	Owing to the heavy rains of the monsoon season, maturity was retarded in the ground till sowing time; but the continued drought since November has affected the outturn.	Barley is believed to be grown in Birbhum though it does not appear in the Collector's return.
Total	1,121,920	438,000		17,500	17,500	17,700	12	8		

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district united to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e. cereals (other than oats) and pulses.	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 16 annas to represent the average outturn, how many annas represented outturn last year?	Taking 16 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Bankura ...	1,677,440	642,800	Wheat Barley	6,500 4,000	4,400 3,000	4,900 2,000	Annas. 84 10	Annas. 11 15	The decrease in the area sown in the case of most of the rabi crops is due to the unfavourable state of the weather at the sowing season; but peas and other rabi crops which do not require much water had a greater cultivation. The weather being favourable since sowing, these crops yielded almost an average crop. The favourable state of the weather in the latter end of the month of October last accounts for the greater cultivation of wheat.	
Total ...	1,677,440	642,800	Gram Peas and "other" rabi pulses.	16,000 6,000	9,000 6,800	6,000 14,000	10 10	14 15		
Midnapore ...	3,519,040	2,111,500	Wheat	700	600	700	94	13	The (late) heavy shower of rain has done good to the crops in the Sadar sub-division, where the lands are comparatively higher, and a better outturn is expected than in any other subdivision.	The meteorological returns show that abundant rainfall in October; November was, however, rainless.

	Total	Barley Rabi millets... Gram ... Peas and other rabi pulses	189 160 1,250 178,600	100 160 1,250 162,200	200 100 1,100 164,000	15 12 13 11½
Eccohly	1,087,560	Wheat Barley Gram Peas and other rabi pulses	100 500 200 81,900	100 600 200 74,500	100 800 200 48,100	8 13 3 10
Total	3,319,040		181,100	164,300	168,100	12
G-Pargana	4,126,020	Wheat Gram Peas and other rabi pulses	300 6,100 53,900	300 8,100 67,300	300 6,300 37,800	13 13 12
Total	4,126,020		60,300	53,700	34,600	12

of the district. In Contal, want of rain at the ploughing time, and the late heavy rain are the causes which will lead to the outturn falling below the average. In Tumlook, the outturn is likely to be much below the average owing to want of rain since November last. In Ghatal owing to excessive rainfall during the ploughing and sowing time the outturn is expected to be much below the average.

Excess of rainfall during the sowing time has damaged the crops of the Sagar sub-division. Owing to the heavy rains of last season there has been a good deal of water in the fields up to a late period. Hence all the rabi lands could not be sown in time. There has consequently been a falling off both in the cultivated area and in the probable out-turn in the Jamanbad Sub-division. Some pulses in the Jahanabad thana have again been damaged by insects. Owing to deficiency of rainfall after sowing of seeds, the crops of the Tubbaria sub-division have been damaged to some extent.

Excessive rainfall at ploughing time, and deficient rainfall after sowing were the causes of the decrease in outturn.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district cultivated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e., cereals (other than oats) and pulses.	Approximate area in acres under each rabi crop last year.	Estimated area in acres under each rabi crop this year.	Taking 16 annas to represent the average outturn how many annas represented outturn last year?	Taking 16 annas to represent the average outturn how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Nadia	1,788,160	1,303,000	Wheat Barley Rabi millets Gram Peas and other rabi pulses	27,500 15,000 400 211,700 503,100	30,000 9,500 500 170,000 180,000	19,000 8,500 500 111,700 121,300	Annas. 8 1/2 6 6 12 12	Annas. 10 6 6 9 9 9	The crops suffered more or less from excess of rainfall at ploughing and sowing time and from want of rain in December and January last.	It is not understood why the area sown should fall so short of the normal as well as of last year's area.
Total	1,788,160	1,303,000		515,100	582,500	261,300	12	9		
Murshidabad	1,572,160	985,500	Wheat Barley Rabi millets Gram Peas and other rabi pulses	150,500 67,700 1,900 101,100 110,700	152,500 45,000 1,900 85,300 98,700	124,700 45,200 1,900 86,300 87,100	Annas. 13 14 14 13 13	Annas. 10 10 10 11 11	The decrease in the outturn of wheat, barley is due to the deficiency of rainfall during the sowing time throughout the district, and to the fact of some of the plants having been destroyed by insects at Janapore.	(a) The Collector returned this year's area under wheat as 151,130 acres. The figure shown has been taken in preference from the preliminary wheat forecast.
Total	1,572,160	985,500		432,900	382,900	305,200	13 1/2	9 1/2		
Jessore	1,672,000	1,116,800	Wheat Barley Gram Peas and other rabi pulses	1,600 6,800 2,800 120,100	1,300 4,100 2,100 119,200	1,300 4,000 21,000 117,300	Annas. 12 12 11 12	Annas. 6 7 8 10	Deficiency of rainfall accounts for the falling off in the outturn.	
Total	1,672,000	1,116,800		131,100	140,700	145,600	12	10		
Khulna	3,103,942	870,000	Gram Peas and other rabi pulses	200 10,900	200 10,000	299 10,200	13	10	The decrease in outturn is due to the want of rain throughout the winter season.	
Total	3,103,942	870,000		11,100	10,200	10,400	13	10		

District	1893-94				1892-93				Remarks
	Wheat	Barley	Gram	Peas and other rabi pulses.	Wheat	Barley	Gram	Peas and other rabi pulses.	
Baishali	1,091,200	1,043,900			1,091,200	1,043,900			The outturn cannot be expected more than what has been shown in column 9, as there has been no rainfall at all since October 1893.
Total	1,091,200	1,043,900			1,091,200	1,043,900			
Dinajpur	2,638,520	1,745,000			2,638,520	1,745,000			
Total	2,638,520	1,745,000			2,638,520	1,745,000			
Jalpaiguri	1,865,680	946,400			1,865,680	946,400			The decrease in the outturn is owing to want of rain at sowing time and before harvesting time.
Total	1,865,680	946,400			1,865,680	946,400			
Darjeeling	744,900	189,400			744,900	189,400			
Total	744,900	189,400			744,900	189,400			
Rangpur	2,231,040	1,002,700			2,231,040	1,002,700			Owing to seasonable rainfall there was better outturn of wheat this year.
Total	2,231,040	1,002,700			2,231,040	1,002,700			
Total	2,231,040	1,002,700			2,231,040	1,002,700			The increase in outturn is due to the season being favourable.

The Collector returned last year's area under wheat at 8,480 acres. The figure shown has been taken in preference from the preliminary wheat forecast.

1	2	3	4	5	6	7	8	9	10	11
DISTRICT.	Total area of district in acres.	Total area in district estimated to be under cultivation in acre a.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e., cereals (other than millets) and pulses.	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 16 annas to represent the average output, how many annas represented this year's output?	Taking 16 annas to represent the average output, how many annas will represent this year's output?	Remarks by the District Officers.	Remarks by the Department of Land Revenue and Agriculture, Bengal.
Bogra	929,220	421,000	Wheat Gram Peas and other pulses.	500 5,500 42,000	500 5,500 41,700	500 5,500 42,100	14 16 16	8 8 8	This year's crops are estimated to be very poor, the cause being excessive damp produced by heavy rainfall, which prevented timely sowing of the seeds.	
Total	929,220	421,000		48,000	47,500	49,000	16	6		
Pabna	801,418	882,500	Wheat Rabi millets Gram Peas and other rabi pulses	23,000 13,100 27,100 180,100	23,040 13,100 27,100 179,600	23,100 17,400 27,300 179,500	9 8 12 11	6 7 9 7	There being no rain from ploughing time up to the middle of February, the rabi crops have been materially affected in both the subdivisions of the district.	
Total	931,455	882,500		25,300	250,800	216,000	11	7		
Dacca	1,730,080	897,700	Barley Rabi millets Gram Peas and other pulses	3,500 400 1,500 116,800	3,500 400 1,900 116,800	3,500 400 1,900 118,300	11	9	Owing to want of rain at the time of ploughing and sowing, this year's output will be less than that of last year.	In last year's return the area under rabi millets was estimated at 26,700 acres; viz., in Sadar 9,000; in Munsheganj 14,100; and in Narailganj 3,600 acres. The difference as regards the area under rabi millets is very large and should be explained.
Total	1,730,080	897,700		134,300	134,300	134,300	11	9		

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district cultivated in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food-crops, i.e. cereals (other than oats) and pulses.	Approximate area in acres under rabi food-crops last year.	Estimated area in acres under rabi food-crops this year.	Taking 10 annas to represent the average outturn, how many annas represented outturn last year?	Taking 10 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Chittagong	1,594,941	795,500	Peas and other rabi pulses	62,100	60,500	38,400	Annas 10	Annas 9	In the Sadar Sub-division heavy rainfall in the last part of October 1893, and in the first part of March 1894 has much benefited the crop. In the Cossim Bazar subdivision, the decrease in the price of pulses has led to the normal area (14,390 acres) being sown.	The Collector returned in the preliminary forecast of the wheat crop for 1893-94, the normal area of wheat as 1,79,000 and 74,000 acres, respectively.
Total	1,594,941	795,500								
Paisa	1,523,640	933,500	Wheat P. rier Jain millets Gram Peas and other rabi pulses	62,100 127,500 65,300 7,300 73,400 150,900 327,300	60,500 82,400 64,200 5,900 79,600 183,100 300,800	114,100 71,000 8,200 73,000 126,300 481,000	94 94 104 94 94 10	124 13 13 13 13 13	The rainfall was reasonable throughout. The present figures will not tally with the previous ones for the reasons that the District Superintendent of Police has revised his figures for the Sadar subdivision.	
Gaya	801,030	2,307,500	Wheat Barley Rabi millets Gram Peas and other rabi pulses	117,600 62,800 100 95,000 173,900 502,100	182,600 61,400 100 24,000 178,900 469,400	130,600 58,800 91,000 123,500 466,900	14 14 14 19 13	13 13 13 13 13	Full normal area could not be sown owing to excessive rainfall during the ploughing time. The outturn is estimated to be less than average owing to want of rainfall during the period when the crops were still to develop, and owing to untimely rain and cloudy weather at the harvesting time.	
Total	3,018,680	2,307,500								

Shabab	Wheat	1,712,500	1,712,500	173,000	114,000	116,000	10	12	The return from Shabab was considerably prepared. The crops under wheat have been reproduced from the preliminary forecast, 1893-94.
	Barley			68,800	80,800	78,800	10	12	
	Rabi millets...			123,000	122,000	123,000	10	12	
Sara	Gram			20,800	42,400	20,800	10	12	Owing to excessive rainfall at the sowing time, the prospects of crops in the Sara and Bhadra subdivisions have been much affected. If the weather continues favourable, a 14-anna crop may be expected in the Bhadra Sub-division. In the Sara subdivision a plentiful rainfall at the ploughing and sowing time facilitated the growth of the rabi crops. The cultivators had recourse to irrigation in high land tracks. The outturn is estimated below the average, as much of the wheat crop was affected with blight.
	Peas and other pulses.			228,700	181,900	220,700	10	12	
		2,793,000	1,712,500	636,700	574,600	592,500	10	12	
Total	Wheat			147,500	147,500	147,500	10	12	The Collector returned 137,600, 50,600, and 14,000 acres as being the normal, last year's and this year's areas respectively under the wheat crop. The figures now shown are taken in preference from the preliminary wheat forecast 1893-94.
	Barley			188,000	161,500	163,900	10	12	
	Rabi millets...			13,700	13,700	13,700	10	12	
Champan	Gram			43,400	43,400	43,400	10	12	Owing to the heavy rainfall of September/October, there was sufficient moisture in the soil, both at the time of ploughing and sowing. The timely rainfall at the beginning of February benefited the cereals and pulses.
	Peas and other pulses			291,400	201,400	202,000	10	12	
		1,697,920	1,382,500	591,000	597,500	601,700	10	12	
Munafar	Wheat			47,000	47,000	47,000	10	12	The excessive rain at the ploughing and sowing time affected the wheat, gram and peas and other pulses, and reduced their outturn.
	Barley			62,000	62,000	62,000	10	12	
	Rabi millets...			188,000	188,000	188,000	10	12	
Munafar	Gram			20,800	42,400	20,800	10	12	The excessive rain at the ploughing and sowing time affected the wheat, gram and peas and other pulses, and reduced their outturn.
	Peas and other pulses.			228,700	181,900	220,700	10	12	
		1,921,920	1,445,000	591,000	597,500	601,700	10	12	

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e., cereals (other than millets).	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 16 annas to represent the average outturn, how many annas represented outturn last year?	Taking 16 annas to represent this year's outturn, how many annas will represent the average outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Darbhanga	2,134,400	1,820,100	Wheat Barley	110,200 78,500	101,100 78,100	104,000 70,100	Annas. 11 13	Annas. 14 14	In the Sadar sub-division, the ploughing and sowing operations were done under favourable circumstances, owing to sufficient moisture in the soil. The crops were slightly affected by the absence of rain in January. The February rain, however, improved the prospects, while it injured to a certain extent the gram and other pulses which were in flower. In the Madhubani sub-division also the outturn of the crops in January and February was affected by deficiency of rain. In the Samastipur sub-division, the late rainfall improved the condition of rabi crops, and so the outturn will be better than last year's.	The meteorological returns show that over 1 inch of rain fell at Madhubani early in February as in other parts of Bihar.
Total	2,134,400	1,820,100	Grain Peas and other rabi pulses	45,900 137,100	44,300 106,400	53,900 160,400	10 11	10 12		
Monghyr	1,509,440	1,453,800	Wheat Barley Rabi millets Gram Peas and other rabi pulses	165,000 181,400 82,200 268,000 656,100	107,100 123,900 49,700 253,000 656,100	104,500 123,100 48,900 259,000 676,100	14 13 13	14 12 13	In the Sadar sub-division, the early rain at the beginning of the season was favourable to the sowing of the crops, and a good outturn was generally expected. But the cessation of rain later made it dubious, especially as the weather was changing from moist to hot. In the forecast of wheat crop this year, a 16-anna	No area has been shown under rabi millets in the Pergari Sub-division, although 6,700 acres were returned last year. The figures shown in column 5 have been obtained in the

Director's Office, the normal areas under barley, millets, gram and peas, &c., having been assumed to be equal to those of last year.		return was expected, but not more than is usual could now be expected for the reasons above stated.		In the Jamal sub-division the area sown with wheat, barley and millets this year is less than the area sown last year, as the sowing operations were retarded by excessive rains. The area sown with gram is the same as in last year. The increase in the area sown with rabi pulses is attributed to good season in sowing time.		In the Begusarai sub-division the crops were affected by late sowing, which were due to late rains, resulting in less water for unusually long time. There was some damage from blight also.		In the Sadar sub-division, there was more than sufficient moisture in the soil which to some extent injured the seed. Subsequently the crop suffered a great deal from drought in consequence of which the output, specially of wheat, has been below the average. In the Banksa sub-division the rainfall in October and November has been short and this has stunted the growth of all rabi crops. In the Madhupur sub-division damage was done by prolonged absence of rain between October and December, which told heavily on rabi crops grown in the sandy porous soil of which this sub-division consists much. In Susaul the crops were injuriously affected by deficiency of rain at ploughing and sowing time, and subsequently by frequent and heavy showers, which damaged the crop in low-lying tracts.	
Total	2,509,440	1,552,990	1,804,600	1,357,600	13	19	124		
	2,704,640	2,097,000	180,700	192,900	19	19			
			64,900	48,400	15	15			
			31,900	34,400	16	16			
			71,700	71,700	16	16			
Bhagalpur			119,800	130,300	16	16			
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
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Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									
Total	2,704,640	2,097,000	471,400	487,400	134	134			
Bhagalpur									

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area under each rabi food crop, f.c., cereals (other than oats) and pulses.	Approximate area in acres under each rabi food crop last year.	Estimated area in acres under each rabi food crop this year.	Taking 10 annas to represent the average outturn, how many annas represented outturn last year?	Taking 10 annas to represent this year's outturn? how many annas will represent outturn last year?	Remarks by the District Officer.	Remarks by the Department of Land Records and Agriculture, Bengal.
Purnee	3,194,330	1,730,000	Wheat Barley	24,000 7,000	22,800 6,500	22,700 6,000	Annas. 13 13	Annas. 15 14	The decrease in the area sown is due partly to heavy floods, which prevented low lands from being sown in time, and partly to the season being favourable for paddy crops.	
Total	3,194,330	1,730,000	Gram Peas and other rabi pulses	32,000 189,000	30,000 170,000	14,000 171,000	14 14	13 14	The rabi crops did not thrive well for want of rain in January last; and hence the outturn is estimated to be below the average.	
Malda	1,217,226	811,500	Wheat Barley Rabi millets Gram Peas and other rabi pulses	83,500 29,500 1,500 7,200 65,800	43,800 24,400 1,500 7,200 89,800	42,000 24,000 1,500 7,200 85,000	12 13 43 14 13	10 13 13 12 12	The area under cultivation has decreased this year for want of rain at the time of sowing. There has been no rainfall during the cultivation; hence the outturn is less than what it was last year.	
Total	1,217,226	811,500		219,900	174,700	162,500	13	12		
Bombay	3,800,160	1,837,300	Wheat Barley Rabi millets Gram Peas and other rabi pulses	14,800 17,700 2,000 24,500 157,400	11,500 17,000 2,000 25,300 136,100	14,500 16,500 2,000 21,500 137,500	64 61 61 61 104	13 14 12 14 124	The crops suffered for want of rain in the Begnur, Gadda, and Jantara subdivisions. In the Begnur subdivision, there was decrease in area sown owing to the excessive rain, but a better outturn is expected owing to deposit of silt	

Total	3,560,160	1,827,500	...	216,900	158,800	191,700	10	12	this year. In Rajmahal the soil having kept up its moisture, a better outturn is expected than last year's.
Odisha	2,354,400	1,161,300	...	2,300 1,000	1,300 1	1,300 600	12 1	10 10	The low outturn of rabi crops is due to excess of rainfall at the time of sowing, and deficient rain since October.
Total	2,354,400	1,161,300	...	6,000 113,100	5,000 97,100	4,000 90,800	16 13	10 10	
			Peas and other rabi pulses	121,400	103,400	98,500	13	10	
Puri	1,682,720	728,100	...	85,000	72,200	48,100	9	74	In the Sadar sub-division the short outturn is partly due to deficiency of rainfall at the time of sowing and partly to excess thereof when the crop was in flower. The crops in the Khurda sub-division suffered on account of excessive rainfall at the time of sowing.
Total	1,682,720	728,100	...	85,000	72,200	48,100	9	74	
Balasore	1,822,940	837,100	...	500 24,500	500 24,500	300 24,200	15 13	12 13	In the Sadar sub-division, the crops suffered from rains at the time of sowing. In Bhadrak, they suffered for want of rain after sowing.
Total	1,822,940	837,100	...	25,000	25,000	24,800	13	13	
Angul and Khondamals.	...	...	...	...	...	...	...	...	Return not received.
Bamangh	4,693,440	2,478,600	...	9,500 1,100 40,800 75,700	9,500 1,100 50,900 73,700	8,500 1,100 50,900 73,700	14 13 14 14	114 11 114 13	The deficiency in the outturn is due to complete cessation of rains since the sowing time.
Total	4,693,440	2,478,600	...	134,900	134,900	133,900	14	13	The outturn of wheat crop of 1883-84 was estimated in the preliminary wheat forecast at 15 annas, as against 10 annas in the previous year.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e. cereals (other than oats) and pulses.	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 10 annas to represent the average outturn, how many annas represented outturn last year?	Taking 10 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Lohardiga	4,592,000	2,584,300	Wheat Barley Gram Peas and other rabi pulse	2,200	1,100	1,100	Annas. 5 8 8 8	Annas. 5 8 8 8	The produce of the crops was expected to be better than last year, but the rain and hail-stones which fell in the month of February 1894 caused much injury to it; and hence this low estimate is calculated.	This is the most imperfect return received from any district. The Deputy Commissioner has not furnished estimates of area under barley, gram and peas and other pulses.
Total	4,592,000	2,584,300		2,200	1,100	1,100	50	50		
Pakna	3,139,200	769,000	Wheat Barley Rabi millets Gram Peas and other rabi pulse.	19,000 32,700 11,000 43,000 56,800	16,600 24,300 1,900 38,300 43,100	17,700 13,300 1,600 43,300 41,700	12 14 7 13 12	13 11 13 11 10	The outturn is not good owing to deficiency of rainfall. The decrease in the area under barley is extra-ordinary, and I will call for an explanation.	
Total	3,139,200	769,000		144,400	119,900	117,500	12½	12		
Mandhum	2,654,000	956,500	Wheat Gram	79,500 64,400	79,500 66,500	79,500 66,500	8 8	8 8	.....	As last year, no estimates of the areas cropped with barley, peas, and other pulses have not been furnished by the Deputy Commissioner.
Total	2,654,000	956,500		143,900	145,900	145,900	8	8		
Baghbhum	3,776,920	1,182,100	Wheat Barley Rabi millets Gram Peas and other rabi pulses	3,000 800 1,300 9,000 21,300	3,000 800 1,300 9,000 21,300	2,500 500 1,300 9,000 29,300	7½	7	No real reason can be given for the decrease in outturn: probably due to irregular rainfall.	The Deputy Commissioner returned this year's area under wheat as 3,000 acres. The figure shown has been taken in preference from the preliminary wheat forecast, 1893-94.
Total	3,776,920	1,182,100		43,400	43,400	42,800	7½	7		
All Bengal (exclusive of Garo and Khandwals from which the return has not been received).	97,149,641	56,197,160	Wheat Barley Rabi millets Gram Peas and other rabi pulse.	1,925,000 1,087,000 985,000 1,384,000 5,210,000	1,546,000 1,056,300 901,100 1,384,100 5,046,500	1,599,500 1,035,700 894,500 1,598,500 4,910,100	13 15½ 12½ 12½ 12	14½ 10½ 13 12 13½		* As estimated by this Department.
Total	97,149,641	56,197,160		9,888,400	9,248,000	9,044,300	12	12½		

STATEMENT II.

Estimate of Outturn of important Special Crops of Bengal, 1893-94.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of special crops.	Approximate normal area under each special crop in acres.	Approximate area in acres under each special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average outturn, how many annas represented outturn last year?	Taking sixteen annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Burdwan	1,796,080	1,983,800	Tobacco Sugarcane	600 27,640	900 23,000	900 23,000	Annas. 12 10	Annas. 12 10	The heavy rain during sowing time affected the outturn of tobacco. Owing to excess of rainfall after transplantation the outturn of sugarcane will be less than that of last year.	
Birbhum	1,121,930	469,400	Sugarcane Mulberry	7,000 2,000	7,000 2,000	7,000 2,000	8 12	8 12	Excess of rainfall at sowing time injured the growth of sugarcane. Deficiency of rain at the time of harvest affected the outturn. Mulberry is a crop which is harvested several times in the year. On the whole the outturn was affected by excess of rain during the <i>Sharon</i> and <i>Amra</i> bunds. A better outturn is expected in the <i>Chandra</i> bund.	
Bakura	1,677,440	642,800	Tobacco Sugarcane Mulberry	4,000 20,000 200	2,000 17,000 200	1,400 8,800 200	10 13 10	12 8 12	The unusual falling off in the cultivation of sugarcane is due to the heavy showers at the time of cultivation. This has also affected the outturn of the crop to a considerable extent.	The cause of the great falling off in the area under tobacco is not stated. There is no reason why this year's area should fall so short of the normal.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of special crops.	Approximate normal area under each special crop in acres.	Approximate area in acres under each special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average outturn, how many annas represented out-turn last year?	Taking sixteen annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Midnapur	3,319,040	2,111,500	Tobacco Sugarcane Mulberry	9,100 17,700 21,000	8,300 18,300 15,400	4,900 17,000 20,000	Annas. 11 11 13	Annas. 10 11 13	In the Sadar sub-division the lands being higher, the heavy rain has done good to these crops, and the outturn is likely to be better, and a greater area has been brought under cultivation this year. In certain extent owing to the late rainfall in the sub-division. In Lamuk there has been no rainfall from November last, and hence the out-turn has fallen below the average. In Chhatra less area was brought under cultivation, and the outturn is likely to be worse than that of last year.	
Roughly	1,087,500	762,200	Tobacco Sugarcane Mulberry	1,400 ^a 13,700 ^a 900 ^a	1,500 ^a 13,000 ^a 1,000	1,400 13,800 900	10 9 11	11 13 11	In the Sadar sub-division the cultivation of sugarcane is better than the last year on account of favourable rainfall, and the outturn is expected to be 14 annas. In the Sadar sub-division the tobacco crop was benefitted by sufficient rainfall at the time of sowing, and a good out-turn is expected. The sugarcane crop was damaged to some extent by excessive rain. Owing to the rain continuing till a late season all the lands in the Jehanabad sub-division could not be cultivated, and even the crops that were grown did not yield a good outturn. In the Unaria sub-division owing to want of timely rainfall the tobacco crop has been damaged to some extent. A better outturn of sugarcane and mulberry is expected.	^a These figures differ more or less from the corresponding figures in last year's return.

24-Parganas ...	4,150,000	1,265,000	Tobacco Sugar-cane	3,000 13,900	1,700 12,200	600 2,100	14 13	16 14
Nadia ...	1,769,100	1,303,000	Tobacco Sugar-cane	105,000 15,400	62,200 15,400	76,400 14,700	10 ¹ 10 ¹	10 10
Mushidabad	1,572,100	905,600	Tobacco Sugar-cane Mulberry	16,900 34,700 30,100	16,000 34,700 30,100	16,200 34,700 30,100	10 14 14	6 14 13
Jessore	1,572,000	1,116,800	Tobacco Sugar-cane	27,800 21,000	26,100 13,000	25,900 16,800	14 15	13 13
Kulna	3,103,943	570,000	Tobacco Sugar-cane	5,000 5,800*	4,800 5,800*	4,900 5,300	14 ¹	13
Rajshahi	1,491,200	1,085,900	Ganja Tobacco Sugar-cane Mulberry	1,100 1,000 6,500 1,400	1,100 1,000 6,500 1,400	700 1,000 6,350 1,400	18 18 13 13	10 12 14 12

The low outturn is due to the unequal distribution of rainfall.

The decrease in the area sown in tobacco is due to the heavy rains during the ploughing and sowing season. The outturn is bad owing to want of rain afterwards.

The growth of sugarcane and mulberry was affected to a certain extent owing to the excessive rainfall during the rainy season.

Want of timely rainfall is the cause of the poor outturn.

The outturn decreased owing to the want of rain throughout the winter.

As there had been an entire cessation of rain since end of October, the outturn cannot be expected to be more than what has been shown in column 9.

In the estimate of outturn of special crops, 1892-93, the normal area under tobacco was returned as 1,600 acres, and the area cropped last year was stated to be equal to the normal.

In last year's return the normal area under sugarcane was returned as 15,388 acres. It is not understood why the area under sugarcane should fall so short of the normal. Reference has been made to the Collector to explain the reasons for the decrease in area.

The figures in columns 5 and 6 differ very largely from the corresponding figures in last year's return. No explanation of the differences is offered by the Collector.

* The normal as well as last year's area under sugarcane was returned as 13,599 acres in the estimate of outturn of special crops for 1892-93.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of special crops.	Approximate normal crop in acres.	Approximate area in acres under each special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average output, how many annas represented output last year?	Taking sixteen annas to represent the average output, how many annas represented this year's output?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Dinajpur	2,635,629	1,744,000	Tobacco Sugar cane	13,000 27,000	13,000 27,000	13,000 27,000	Annas. 16 16	Annas. 16 16	The decrease in output of sugarcane as compared with that of last year is due to excessive rain this year.	
Jalpaiguri	1,865,650	905,400	Tobacco Sugar cane	25,300 5,000	29,300 4,000	29,300 4,000	11 7	8 7	The decrease in output of tobacco is owing to want of rain at the sowing time and fall of hailstones before harvesting time.	The reported outputs of tobacco and sugarcane in Jalpaiguri are very low as compared with their outputs in the neighbouring districts of Rangpur and Dinajpur. They have been probably under-estimated.
Darjeeling	744,920	180,400	Tobacco Sugar cane	1,500 2,700	1,500 2,700	1,500 2,700	13 13	12 12	Both tobacco and sugarcane suffered from excessive rainfall. Hence the output is expected to be less than that of the preceding year.	
Rangpur	2,231,040	1,092,700	Tobacco Sugar cane	134,000 94,500	134,100 94,500	134,000 94,500	16 16	14 16	The outputs of tobacco and sugarcane were greatly under-estimated by the Sub-divisional Officers. I give the figures in column 9 according to my estimate.	
Bogra	929,220	441,000	Tobacco Sugar cane	1,000 12,000	1,000 12,000	1,000 12,000	14 16	14 16		

Taluk	Area	Tobacco Sugar-cane	1893 1894	1893 1894	1893 1894	1893 1894	1893 1894	1893 1894	1893 1894	1893 1894	Remarks
Panna	391,456	868,500			15,000	16,000	17,000	10	10	115	Excessive rainfall after sowing affected the outturn to a considerable extent.
Decca	1,790,080	897,700			15,500	15,500	15,500	11	11	11	In the Manickganj sub-division last year's high flood having fertilized the soil and there being no rain at time of planting, the outturn of tobacco is expected to be better than that of last year (14 annas against 13 annas last year). The outturn of sugarcane in the Narainganj sub-division will be only 6 annas this year owing to high floods.
Mymensingh	4,052,460	2,405,700			44,700	42,200	44,700	13	13	113	The crops suffered owing to lack of seasonable rainfall.
Faridpur	1,450,080	1,007,500			500	500	500	84	15	13	The sugarcane crop suffered from excessive rainfall and heavy inundation.
Backergunge	2,335,360	1,343,300			600	600	600	13	13	8	There was no rainfall between 24th October 1893 and 24th February 1894, and consequently the crops are light.
Noakhali	1,063,600	818,800			17,900	17,900	17,900	9	9	9	
Tippera	1,594,240	1,167,300			67,700	67,200	67,200	13	13	13	It appears that the Sadar sub-division contains 65,900 acres out of the total normal area of 67,700 acres under tobacco in the district, and 30,000 acres out of the normal sugarcane area of 38,600 acres. It is highly doubtful that there has been really such a great falling off in the area sown with tobacco and sugarcane as the Collector's return shows.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district cultivated in acres.	Names of special crops.	Approximate normal crop in acres.	Approximate area in acres under each special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average output, how many annas represented output last year?	Taking sixteen annas to represent the average output, how many annas will represent this year's output?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Chittagong ...	1,554,841	795,360 { Tobacco Sugarcane		14,700 10,160	14,700 10,100	9,300 4,400	Annas. 12 13	Annas. 8 9	Heavy rainfall in the last part of October 1893, and between 28th February and 16th March 1894, injuriously affected the tobacco crop. Sugarcane suffered from the heavy rain in May and June, when earthing and manuring are done.	The cause of the great decline in the areas sown with sugarcane and tobacco is not understood.
Patna ...	1,332,640	662,600 { Opium (poppy) Tobacco Sugarcane		11,600 2,000 15,170	9,000 2,100 15,200	11,800 3,600 15,000	10 12 14	134 14 134	The rainfall was favourable throughout. The present figures will not tally with the previous ones for the reason that revised figures were submitted for the Sadar sub-division.	
Gaya ...	3,013,059	2,397,500 { Opium (poppy) Sugarcane		53,000 50,070	53,400 50,000	53,000 50,000	14 16	15 154	The output is estimated to be a little below the average owing to untimely rainfall.	
Shahabad ...	2,723,400	1,715,500 { Opium (poppy) Tobacco Sugarcane		52,370	52,300	55,400	10	9	Sugarcane suffered from excessive rainfall. The rainfall during the months of January and February has proved injurious to the poppy crop.	This return has not been prepared with sufficient care. The total area cropped last year with poppy, tobacco and sugarcane does not agree with the area returned in last year's estimate of output of special crops. The area cropped with each of these crops ought to have been shown separately.
										A 2-anna estimate of the poppy crop in Shahabad would appear to be low by comparison with the reported output in the adjoining districts of Gaya and Saran.

Buran	1,097,000	1,552,000	Opium (poppy) Tobacco Sugarcane	42,500 3,700 31,800	44,800 3,700 41,100	42,500 3,700 31,800	13	14	15	16	17	18	The increase in area is due to favourable measure at the time of sowing. In the Gopalesi subdivision a bumper poppy crop was expected but damp weather during the first fortnight of March 1895 brought about a blight called monklike by the natives, which has done considerable mischief in reducing the output to 15 annas. The weather having continued favourable, a better output of poppy is expected than last year.												
Champaran	2,229,800	1,452,000	Opium (poppy) Sugarcane	60,000 30,000	60,000 30,000	60,000 30,000	13	14	15	16	17	18	The reduced output is due to the injury caused by excessive rains at the ploughing and sowing time, last year.												
Muzaffarpur	1,921,920	1,445,000	Opium (poppy) Tobacco Sugarcane	20,000 31,000 24,000	20,000 31,000 24,000	20,000 31,000 24,000	14	14	14	14	14	14	14	The decrease in output of sugarcane is due to successive floods which damaged the crop. In the Sadar sub-division the unfavourable weather in February affected the output of poppy. In Banasipur the poppy crop was sown late, and its output will be less than last year. The late rainfall has improved the condition of the tobacco crop, and its output will be therefore better than last year.											
Darbhanga	2,134,000	1,520,100	Opium (poppy) Tobacco Sugarcane	11,500 54,500 73,000	10,500 6,500 7,100	11,500 54,500 73,000	10	11	11	11	10	10	10	The season was very favourable for poppy cultivation, and hence more than last year was sown. The crops are estimated to be generally expected if the weather, which is favourable for the crop, continues for some time more. In the Sadar sub-division excess of rain during the monsoon has affected the growth of sugarcane. The weather was on the whole favourable in the other sub-divisions.											
Monghyr	2,009,440	1,552,900	Opium (poppy) Tobacco Sugarcane	19,500 29,400 10,000	10,500 10,500 5,500	19,500 29,400 10,000	11	11	11	11	11	11	11	The Collector returned the average normal area under the three crops to be 48,000 acres. The area has been distributed among them in proportion to their respective areas sown this year. 48,000 acres seem to be a very high estimate, the normal area as compared with the areas estimated to have been sown this and last year. It is not explained why the output of the poppy crop should be below the average in spite of the season having proved favourable.											
Bhagalpur	2,704,640	2,087,000	Opium (poppy) Tobacco Sugarcane	100 8,100 63,700	100 7,500 63,700	100 8,100 63,700	12	12	12	12	12	12	12	The output would have been greater if there had been a little more rain in January 1894.											
Purnea	3,105,520	1,751,000	Tobacco Sugarcane	31,000 9,000	31,000 9,000	31,000 9,000	15	15	15	15	15	15	15												

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district cultivated to be under special crops.	Names of special crops.	Approximate normal area under each special crop in acres.	Approximate area in acres under each special crop last year.	Estimated area in acres under each special crop this year.	Taking fifteen annas to represent the average outturn, how many annas represented out-turn last year?	Taking sixteen annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Maldah	1,917,900	811,500	Tobacco Sugarcane Mulberry	12,500 8,000 68,500	4,500 5,000 63,500	4,000 5,000 60,000	Annas. 14 13 15	Annas. 13 14 14	The area under cultivation has decreased this year for want of rain at the time of planting. There has been no rain during the cold season; hence the outturn is less than last year.	
South Parganas.	3,909,100	1,657,300	Tobacco Sugarcane	1,600 14,600	700 14,400	700 14,400	10 10	10 10	Want of rain has affected the outturn.	
Cuttack	2,354,400	1,161,300	Tobacco Sugarcane	10,000 7,300	5,000 6,300	6,300 8,400	14 10	11 12	The low outturn is due to want of rain since October last.	The estimates of normal areas appear to be high.
Puri	1,662,750	731,100	Tobacco Sugarcane	6,400 4,500	6,400 4,300	2,500 2,900	4 10	3 7	The decrease in the outturn of tobacco is attributable to want of rainfall in proper season and that in the outturn of sugarcane has its origin in the fact that the crop was damaged partly by insects and partly by flood water.	The estimates of normal areas appear to be high. Puri appears to have received more rain than the neighbouring districts of Orissa since October last. It is not therefore understood why the outturn of tobacco should be so low.

Bahare	1,382,140	827,100	Tobacco {	100	100	100	15	16	In the Bahar sub-division the sugarcane crop suffered much from excessive rains and floods during the year.
Angul and Khondmah.									Return not received.
Haseeribagh	4,403,440	2,478,500	Opium (poppy) Tobacco {	5,200 1,000 33,100	5,200 800 32,100	5,200 800 32,100	14 13 14	11 14 18	The Collector's remark refers probably to opium and tobacco, and not to sugarcane.
Lohardaga	4,500,000	2,500,300	Tobacco {				3	3	The return of this district is, as usual, very imperfect.
Palamanu	3,180,300	708,000	Opium (poppy) {	1,000 3,000	1,000 3,000	1,000 3,000		11	The area figures shown against Palamanu have been taken from Table A (i) of Agricultural Statistics, 1892-93. The Deputy Commissioner returned the area under sugarcane to be 123,000 acres, which is incredible.
Manbhum	2,654,000	955,600	Tobacco {	26,500 53,000	26,500 53,000	26,500 53,000	3 16	4 13	This remark refers probably to sugarcane alone. The estimate of acreages under sugarcane and tobacco appear to be too high.
Singbhum	2,776,990	1,162,100	Tobacco {	3,000 3,300	3,000 3,300	3,000 3,300	9	9	The decrease in outturn is due to irregular rainfall.
All Bengal (exclusive of Shahad and Angul and Khondmah).	94,360,041	54,464,000	Opium (poppy) Tobacco {	226,900 1,100 884,300 1,021,000 118,900	214,500 1,000 785,000 892,700 116,400	217,600 700 754,000 943,500 104,600	14 16 134 134 144	15 16 14 15 134	*As estimated by the Agricultural Department.
Add for Shahad.	2,729,000	1,713,500	Opium (poppy) Tobacco {	99,000	82,300	66,400	10	9	

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 7th April, 1894.

No.	District and date of return.	Rainfall at Sudar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
Burdwan Divn.	1 Burdwan April 7, '94	0.25	Weather—hot. More rain wanted. Harvesting of potatoes finished. Fodder and water sufficient. Prices of common rice:— Srs. . Burdwan 14 to 18 Kalna 10 to 14 Katwa 15 Raniganj 16 } per rupee.
	Kalna	0.54	
	Katwa	Nil	
	Raniganj	0.05	
	2 Birbhum .. 7, '94	Nil	
	Rampur Hât	Nil	Ordinary hot weather conditions prevail. Practically no crops on the fields. Maturing of fields going on. Common rice sells at from 14 to 18 seers per rupee. Cow-pox is reported from a few villages in the Sadar subdivision, otherwise cattle are doing well and get fodder.
	3 Bankura .. 7, '94	Nil	Weather—normal. Pressing of sugarcane still continues. Rain urgently needed for preparing the fields for the next cultivation. Water and fodder sufficient every where. Common rice selling at— Srs. Sadar 17 Vishnupur 10½ } per rupee.
	4 Midnapore .. 7, '94	Nil.	Weather—very hot. Slight showers in Ghatal. Prospects of crops fair. Rain is wanted. Prices of common rice:— Srs. Sadar 15 Tamluk 14 Ghatal 14 to 15 } per rupee.
	5 Hooghly .. 7, '94	Nil	Weather—seasonable. No crops now, but new sugarcane and hot weather vegetables. Rain much wanted for ploughing. Prices of common rice:— Srs. Sadar 11 to 12 Serampore 12 to 14 Jahanabad 15 to 16 } per rupee.
	Serampore	Nil	
	Jahanabad	Nil	
Presidency Divn.	6 Howrah .. 7, '94	0.89	Weather—unseasonably hot. Boro crop suffering a good deal for want of rain. Condition of cattle good. Fodder and water-supply sufficient. Price of rice 10 to 14 seers per rupee.
	Ulubaria	Nil	
	7 24 Pargannas .. 7, '9	0.55	Weather—seasonable. No crops on the ground. Ploughing going on for the aus crops. Condition of cattle good. Fodder and water sufficient. Rice sells at— Srs. c. Sadar 11 to 14 0 Baruhat 12 0 Basirhat 14 8½ Diamond Harbour 13 4 } per rupee.
	8 Nadia .. 7, '94	0.11	Weather—cool nights with heavy dews. Damp winds during the day. Preparation of lands facilitated by slight rain. Sugarcane planting going on. Prices stationary at 12½ to 13 seers per rupee. Fodder and water-supply generally sufficient.
	Kushtia	0.30	
	Meherpur	Nil	
	Chandanga	Nil	
	Ranaghat	0.55	Weather—hot and dry. Robi still being harvested. Sugarcane pressing going on. Fodder and water sufficient for cattle. Small-pox among cattle reported from Panchuram outpost in Kandi subdivision. Common rice sells at 14 seers per rupee.
	9 Murshidabad .. 7, '9	Nil	
	10 Jessore .. 7, '9.	Nil	Weather—seasonable. Rain wanted for ploughing and sowing. Sowing of <i>til</i> completed. Sugarcane is being planted. Prospects of boro rice fair. Fodder and water sufficient except in Jhenida. Prices of common rice:— Srs. c. Sadar 12 12 Jhenida 12 0 Magura 11 8 Narail 11 7 Bangaon 10 to 12 0 } per rupee.
	Jhenida	Nil	
	Magura	0.04	
	Narail	Nil	
	Bangaon	Nil	
	11 Khulna .. 7, '9.	Nil	Weather—hot. Prospects of boro paddy continue fair. Rain is badly wanted for preparation of land for jute. Price of common rice about 13 seers per rupee. Fodder and water sufficient.
	Bagerhat	Nil	
	Satkhira	Nil	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—consolid.			
RAJSHAHI DIV.	13 Rajshahi Nator Naugaon April 7, '94	Nil Nil Nil	Weather—very hot and sultry. The condition of what little of standing crops there is, is not bad; but agricultural operations are greatly impeded for want of rain. Fodder is in some places scarce. Water-supply is sufficient. There is no cattle-disease. Rice is selling at from 12 to 15 seers per rupee.
	13 Dinajpur „ 7, '94	0.72	Weather—occasionally cloudy, with stormy west wind; nights cool. Sowing of jute and <i>aus</i> going on. Rain has been beneficial, but more is wanted. Common rice selling at from 13 to 15 seers per rupee. No report of any cattle-disease. Fodder and water sufficient.
	14 Jalpaiguri „ 7, '94	Nil	Weather—occasionally cloudy. Nights cool. Rain is wanted. Sowing of <i>bhadai</i> and jute commenced in places. Common rice sells at— Srs. Sadar ... 14 to 15 } Alipur ... 12 to 13 } per rupee. Fodder and water sufficient.
	15 Darjeeling Siliguri „ 7, '94	0.06 0.36	Weather—seasonable. In the hills:—Wheat and barley being harvested. <i>Bhutta</i> , <i>bhadai dhan</i> , <i>marua</i> and <i>kagni</i> being planted. <i>Phaphur</i> flowering. In the Terai:—Lands being ploughed. Prices of coarse rice:— Srs. Hills ... 7 to 12 } Terai ... 12 to 13 } per rupee.
	16 Rangpur Nilphamari Kurigaon Gaibanda „ 7, '94	0.82 0.84 0.03 0.85	Weather—cloudy and cool. The rainfall on the 4th has been of great benefit to the sowings, which were retarded for want of rain. About three-fourths of <i>aus</i> crop have been sown. Price of rice from 10½ to 14 seers per rupee.
	17 Bogra Sherpur Naukhila „ 7, '94	4.17 0.35 2.23	Weather—unsettled; thunder and hailstorms. Sowing of <i>aus dhan</i> and jute has commenced. Prospects favourable. The rain has done good. The mango crop has been slightly damaged by the hail. Fodder and water sufficient.
	18 Pabna „ 7, '94	0.42	Weather—hot in the daytime; generally stormy in the morning and evening. Recent rain has benefited the standing crops and facilitated the sowings of the <i>aus</i> crop. More rain is still wanted. Common rice sells at Rs. 3-4 to Rs. 3-8 per maund at Sirajganj and 12 seers per rupee at Sadar. Fodder and water-supply sufficient.
	19 Dacca „ 7, '94	0.71	Weather—hot and stormy in the evening. Prospects of standing crops good. Sowing of jute and rice commenced. Common rice selling at from 8 to 13 seers per rupee. Fodder available. There is want of drinking water in many places. No cattle-disease.
	20 Mymensingh „ 7, '94	0.71	Weather—cloudy and hot. Condition of standing crops good. Recent rain has done good to <i>aus</i> and jute crops. Common rice sells at 10½ seers per rupee. Condition of cattle good. Fodder available. Want of good water for drinking and domestic purposes is felt in Kishorganj and Notrakona subdivisions.
	21 Faridpur Goalundo Madaripur „ 7, '94	3.42 } 1.04 0.21	Weather—seasonable. State of standing crops fair. Sowing of jute and <i>aus dhan</i> has commenced in the Sadar subdivision. Condition of cattle good except in Kotwalipara, whence disease is still reported. Want of water for drinking purposes is reported from police station Baliakandi and outpost Hamdampur in Goalundo subdivision. Fodder is available. Prices of rice:— Srs. Sadar ... 12 } Goalundo ... 13 } Madaripur ... 12 } per rupee.
DACC DIV.	22 Backergunge „ 7, '94	Nil	Weather—seasonable. State and prospects of crops fair. Common rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient. Good drinking water is scarce in parts of Pirojpur and Patuakhali subdivisions.
	23 Tippera „ 7, '94	0.65	Weather—seasonable; fine in the daytime, some showers at night. Prospects of standing crops very good. <i>Boro</i> rice is being cut and should give a very good outturn. Jute and <i>aus</i> paddy are coming on well.
	24 Noakhali „ 7, '94	Nil	Weather—seasonable. Harvesting of <i>rabi</i> crops continues. <i>Aus</i> is being sown. The soil is being prepared for <i>amas</i> . Fodder and water sufficient. Prices of common rice— Srs. Noakhali ... 11 } Fenny ... 11½ } per rupee.
CHITTAGONG DIV.	25 Chittagong „ 7, '94	Nil	Weather—seasonable. Sowing of spring crops is nearly over. Prospects poor. Prices steady. Water and fodder-supply sufficient.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR.			
26	Patna April 7, '94	Nil	Weather—hot, with occasional west wind. Harvesting of <i>rabi</i> crops completed; outturn good. Threshing and winnowing in progress. <i>Rahar</i> being reaped. Sugarcane being planted. Common rice sells at— <div style="text-align: right;">Srs. Sadar 15½ Barh 15 Bihar 17 Dinapore 16</div> } per rupee
27	Gaya „ 7, '94 Jahanabad „ „ Aurangabad „ „ Nawada „ „	Nil Nil Nil Nil	Weather—hot. Harvesting of <i>rabi</i> crops over. Transplanting of sugarcane and sowing of <i>chenna</i> begun. Opium weighment going on. Common rice sells at from 14 to 19 seers per rupee. Fodder and water-supply ample.
28	Shahabad „ 7, '94	Nil	Weather—seasonable. Harvesting of <i>rabi</i> is nearly completed. Sugarcane being planted and <i>chenna</i> sown.
29	Saran „ 7, '94 Siwan „ „ Gopalganj „ „	Nil Nil Nil	Weather—seasonable. Harvesting of <i>rabi</i> completed. <i>Chenna</i> doing well. Fodder and water plentiful. Prices of common rice :— <div style="text-align: right;">Srs. o. Chapra 14 0 Siwan 18 8 Gopalganj 14 7</div> } per rupee.
30	Champan „ 7, '94	Nil	Weather—heat increasing. <i>Rabi</i> crop is being reaped. Opium weighments commenced. Prices stationary.
31	Muzaffarpur „ 7, '94	Nil	Weather—unsettled. Winds hot. Harvesting of <i>rabi</i> still continues. Opium weighment has commenced. No disease among cattle. Fodder and water sufficient.
32	Darbhanga „ 7, '94	Nil	High west wind prevailing. <i>Rabi</i> harvest nearly over. Paddy and <i>maag</i> being sown, but rain is much wanted. Ploughing for <i>bladoi</i> crops begun. Fodder and water for cattle sufficient. Prices remain steady.
33	Monghyr „ 7, '94 Begusarai „ „ Jamui „ „	Nil. Nil Nil	Weather—getting warmer. Harvesting of <i>rabi</i> crops is being completed. Outturn of wheat, barley, oil-seeds and opium good. Indigo doing well. Sugarcane plantation going on. Small-pox among cattle towards Nawadib. Water sufficient, but fodder is wanting in the Begusarai subdivision. Common rice selling at— <div style="text-align: right;">Srs. Sadar 11 to 16 Begusarai 14 Jamui 15</div> } per rupee.
34	Bhagalpur „ 7, '94 Banks „ „ Madhupura „ „ Supaul „ „	Nil Nil Nil Nil	Weather—has been comparatively cool for the greater part of the week, but the hot winds have now set in. Prospects of crops good, but rain is urgently required, especially for indigo. Prices of common rice 16 seers 6 chitaks per rupee.
35	Purnea „ 7, '94 Kishanganj „ „ Araria „ „	Nil Nil Nil	Weather—hot and cloudy with east wind. Sowing of jute and sugarcane plantation going on. Cutting of <i>rabi</i> is over; the outturn is satisfactory. Rain is urgently wanted. No cattle-disease. Fodder and water sufficient. Price of rice stationary— <div style="text-align: right;">Srs. Sadar 13 to 18 Kishanganj 15 Araria 17</div> } per rupee.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.															
BIHAR—consolid.																		
BAGAIPOUR DIV.—consolid.	36 Malda April 7, '94	Nil	Weather—growing hot daily; strong west wind prevails. Rain urgently wanted. Harvesting of <i>rabi</i> crops nearly completed. <i>Boro</i> paddy thriving. Lands are being prepared for <i>bhadol</i> crops. Ordinary rice selling at from 13 to 19 seers per rupee. Fodder and drinking water ample.															
	37 Sonthal Parganas .. 7 '94	0.21	Weather—hot and windy. Hailstones fell on the 5th instant. <i>Rabi</i> crops being harvested. <i>Mahua</i> crop not up to average. A good crop of sugarcane. Fodder and water sufficient. Common rice selling at from 13 to 17 seers per rupee.															
	Deoghur ...	Nil																
	Jamtara ...	Nil																
Rajmahal ...	Nil																	
ORISSA.																		
ORISSA DIV.	38 Cuttack .. 7, '94	Nil	Weather—hot. <i>Dalus</i> rice and tobacco maturing and in some places being cut. Supply of fodder and water sufficient. Common rice sells at— <table><tr><td></td><td>Srs. C.</td><td>Srs. C.</td></tr><tr><td>Sadar</td><td>10</td><td>8 to 15 12</td></tr><tr><td>Jajpur</td><td>13</td><td>2 to 15 2</td></tr><tr><td>Kendrapara</td><td>15</td><td>0 to 16 0</td></tr><tr><td>Banki</td><td></td><td>15 12</td></tr></table> } per rupee.		Srs. C.	Srs. C.	Sadar	10	8 to 15 12	Jajpur	13	2 to 15 2	Kendrapara	15	0 to 16 0	Banki		15 12
		Srs. C.	Srs. C.															
	Sadar	10	8 to 15 12															
Jajpur	13	2 to 15 2																
Kendrapara	15	0 to 16 0																
Banki		15 12																
39 Balasore .. 7, '94	0.31	Weather—hot with occasional storms. <i>Dalus</i> rice being reaped in places. Sugarcane being planted. Land being ploughed where there has been sufficient rain. Fodder and water sufficient. Coarse rice sells at:— <table><tr><td></td><td>Srs.</td></tr><tr><td>Balasore</td><td>18</td></tr><tr><td>Bhadrak</td><td>16</td></tr></table> } per rupee.		Srs.	Balasore	18	Bhadrak	16										
	Srs.																	
Balasore	18																	
Bhadrak	16																	
40 Puri .. 5, '94	Nil	Weather—seasonable. Rain is wanted for cultivation of lands for the ensuing paddy crop. <i>Dalus</i> rice is in ear. <i>Mung</i> is being gathered. Sugarcane and cotton are doing well. Rice sells at from 17½ to 18½ seers per rupee. Cattle-disease reported from the interior.																
CHOTA NAGPUR.																		
South-West Frontier Agency.																		
CHOTA NAGPUR DIV.	41 Hazaribagh April 7, '94	Nil	Weather—seasonable: hot with strong west winds. Harvesting of <i>mahua</i> continues with good outturn. Fodder and water sufficient. Price of common rice stationary—13 to 16 seers per rupee.															
	Giridi ...	Nil																
	42 Lohardaga .. 7, '94	Nil	Weather—hot. Ploughing continues. Reaping of wheat and barley finished. Common rice selling at 16 seers per rupee. Fodder and water sufficient.															
	43 Palamau .. 6, '94	Nil	Weather—seasonable. <i>Rabi</i> harvesting nearly finished. Sugarcane plantation in progress in some parts of the district, while in others the plants are thriving. Prospect of <i>mahua</i> crop fair. Rice selling at from 16 to 18 seers per rupee. Fodder and water-supply plentiful.															
	44 Manbhum .. 7, '94	Nil	Weather—hot with westerly winds. Prospects of crops good. Sugarcane being planted. Price of common rice 12 to 16 seers per rupee. Fodder and water sufficient.															
Gobindpur ...	Nil																	
45 Singhbhum .. 7, '94	Nil	Weather—daily getting warmer. A little rain would do good. Prospects of <i>mahua</i> very bright. Mango will be a total failure. Rice selling at from 10 to 16 seers per rupee. Fodder and water-supply sufficient.																

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 10th April, 1894.O. E. BUCKLAND,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE 1																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU (<i>Sorghum Vulgare.</i>)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.																			
BURDWAN DIVISION.	1	Burdwan	16 0	15 0	13 4	...	...	...	12 6	12 12	10 8	15 6	15 12	12 0	...	...	...
	2	Birbhum	9 12	9 12	10 4	...	...	...	12 0	12 0	11 8	15 12	15 12	13 8	...	...	...
	3	Bankura	16 4	16 4	19 0	...	...	...	12 10	12 10	10 0	17 0	16 4	11 12	...	...	...
	4	Midnapore	11 0	11 0	11 0	...	...	...	12 13	10 2	10 0	15 10	15 10	12 12	...	...	...
	5	Hooghly	14 6	14 6	11 0	20 8	20 8	11 0	8 4	8 4	8 0	11 8	11 8	10 0	...	...	...
	6	Howrah	...	...	...	...	...	...	10 0	10 0	9 4	12 5	12 0	11 0	...	...	...
PRESIDENT DIVISION.	7	24-Parganas	13 0	13 0	11 0	20 0	18 0	16 0	8 0	8 0	8 0	13 0	13 0	12 8	18 0	16 0	16 0		
	8	Calcutta	13 14	13 5	13 4	16 9	16 9	17 0	7 9	7 9	7 4	10 5	10 2	10 0	18 12	20 0	20 0		
	9	Nadia	19 8	16 12	18 1	21 4	24 6	23 0	8 0	8 0	10 0	13 1	13 1	12 12	...	...	...
	10	Murshidabad	16 0	15 0	13 0	...	...	...	10 0	10 0	10 0	14 0	14 0	13 0	...	...	...
	11	Jessore	11 4	12 0	11 0	...	...	...	10 0	10 0	9 0	12 12	13 0	12 8	...	...	...
	12	Khulna	...	...	...	...	...	...	11 8	10 8	10 10	13 4	13 0	12 14	...	...	...
RAJSHAH DIVISION.	13	Rajshahi	16 8	13 8	15 0	26 4	30 0	26 4	12 0	10 8	10 8	13 8	13 2	12 6	...	...	...
	14	Dinajpur	13 3	12 0	9 10	12 0	13 0	15 12	12 0	11 0	10 12	15 0	14 8	13 12	...	...	...
	15	Jalpaiguri	12 0	13 0	11 0	14 0	13 8	13 0	9 0	9 0	10 0	13 0	13 8	14 0	...	...	...
	16	Darjeeling	8 0	8 0	8 0	9 0	9 0	10 0	5 8	5 8	5 0	12 0	12 0	10 0	...	...	...
	17	Rangpur	12 13	13 0	12 0	...	...	...	9 0	9 0	10 0	13 12	13 4	12 0	...	...	...
	18	Bogra	12 0	15 12	10 0	...	...	...	9 12	9 12	9 12	13 6	12 12	13 8	...	...	...
DACCA DIVISION.	19	Pabna	13 12	13 12	14 4	22 8	22 8	22 8	6 0	6 0	6 4	12 6	12 6	12 8	...	...	...
	20	Dacca	12 0	12 0	11 0	...	...	...	10 0	8 8	10 8	12 0	12 0	11 4	...	...	...
	21	Mymensingh	9 8	9 8	9 8	...	...	...	9 0	9 0	10 0	10 0	10 0	11 0	...	...	...
	22	Faridpur	16 0	17 0	11 4	16 0	16 0	20 0	7 8	7 8	8 0	12 4	12 0	12 0	...	...	...
	23	Backergunge	...	...	...	...	...	...	10 11	8 6	10 4	12 0	11 0	11 8	...	...	...

A In the subdivisions the retail prices of salt per rupee are:—Kalna 10 seers, Katwa 10½ seers, and Raniganj 10 seers.
 B At Rampur Hat the retail price of salt is 11 seers per rupee.
 C At Vishnupur the retail price of salt is 10 seers per rupee.

D In the subdivisions the retail prices of salt per rupee are:—Contai 8 seers, Tamiuk 10½ seers, and Ghatal 10 seers 7 chitaks.
 E In the subdivisions the retail prices of salt per rupee are:—Serampore (Bhadreswar) 10 seers, Jahanabad 10 seers.
 F At Chubaria the retail price of salt is 10 seers per rupee.

G In the marts in the interior of the district the retail prices of salt per rupee are:—Chetia 10 seers 10½ chitaks, Barasat 10 seers, Magra Hat 9 seers 2 chitaks, and Baduria 10½ seers.
 H In the subdivisions the retail prices of salt per rupee are:—Kushtia (Bahadurkhal) 10½ seers, Chuadanga 10 seers, Mohorpur 10½ seers, and Tanaghat 1 seers.

I In the subdivisions the retail prices of salt per rupee are:—Kandi 10½ seers, Jangipur 10½ seers.

J In the subdivisions the retail prices of salt per rupee are:—Jhenida 9 seers, Magura 9 seers 6 chitaks, Narail 9½ seers, and Bangaon 10 seers.

ERS OF 80 TOLANS.

BAJRA OR CUMBU. (<i>Penicillium typhoides</i> .)			MARUA OR RAGL. (<i>Eleusine Corocana</i> .)		
Present return.	Next preceding return.	Corresponding turn of last year.	Present return.	Next preceding return.	Corresponding turn of last year.

[illegible]

KANONI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)			GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Cicer arietinum</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	19 0	18 0	16 8
...	16 8	16 8	14 0
...	17 8	17 8	13 8
...	16 0	16 0	14 8
...	15 0	15 0	11 8
...

8 0	8 0	6 0	20 0	20 0	16 0
7 4	7 12	...	16 13	16 6	12 4
...	...	...	21 8	22 13	19 12
...	...	...	20 0	20 0	16 0
...	...	...	16 0	13 0	14 8
...	...	...	12 0	11 0	10 10

...	...	...	24 0	24 0	18 12
...	...	...	14 12	14 12	12 0
...	...	...	15 0	16 0	13 4
...	...	...	12 0	12 0	10 0
...	...	...	15 0	17 0	13 0
...	...	...	12 0	16 14	10 10
...	...	...	16 0	16 0	14 8

...	...	...	17 0	17 0	13 0
...	...	...	12 8	12 8	12 8
...	...	...	10 0	10 0	11 4
...	...	...	16 0	16 0	13 0

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN															
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUR. (Sorghum Vulgare.)			
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
BENGAL—continued.																	
CHITTAGONG DIVISION.	24 Tippera ...	S. Ch. 10 0	S. Ch. 10 0	S. Ch. 11 0	...	...	...	S. Ch. 9 8	S. Ch. 9 0	S. Ch. 8 12½	S. Ch. 11 0	S. Ch. 10 8	S. Ch. 11 0	...	...	...
	25 Noakhali ...	...	...	...	...	...	...	10 0	9 4	10 6	11 8	11 0	12 0	...	...	...
	26 Chittagong ...	11 0	11 0	8 14	...	...	...	11 0	10 0	11 8	12 8	11 14	13 4	...	...	...
BIHAR.																	
PATNA DIVISION.	27 Patna ...	17 8 15 0	Red. 18 0 White. 17 0	13 8 12 8	24 0	25 0	24 0	10 0	10 0	9 8	16 8	15 8	16 0	24 0	16 0	28	
	28 Gaya ...	15 0	14 8	18 0	21 0	19 4	19 8	10 8	10 4	10 0	16 0	16 0	13 8	17 4	19 0	17 4	
	29 Shahabad ...	12 0	18 0	12 0	20 0	20 0	14 0	8 0	8 0	8 0	13 0 to 16 0	15 0	15 0	...	...	...
	30 Saran ...	...	14 8	12 4	...	22 0	18 8	...	10 0	10 8	14 8	14 8	14 4	...	...	...
	31 Champaran ...	12 4	12 4	10 8	26 0	24 0	17 8	8 8	8 8	8 12	15 4	15 4	15 4	...	...	...
	32 Munaffarpur ...	18 0	18 0	12 8	19 0	20 0	22 0	8 0	8 0	8 0	13 14	14 8	14 0	...	...	...
33 Darbhanga ...	16 6	15 3	11 0	27 8	24 3	11 0	13 0	13 5	10 0	16 0	16 8	13 8	...	...	...
BAGALPUR DIVISION.	34 Monghyr ...	14 11 to 17 14	14 11 to 15 12	11 0 to 15 12	22 0	21 0	16 13 to 17 14	11 8	10 8	8 14 to 10 8	14 11	14 11	14 4	...	...	...
	35 Bhagalpur ...	16 6	16 0	12 10	21 7	21 7	15 2	12 10	12 10	12 10	14 8	16 6	15 2	...	...	...
	36 Purnea (Kasba) ...	18 0	16 0	8 0	...	...	...	18 0	18 0	12 0	16 0	15 0	14 0	...	...	...
	37 Malda (English Bazar). ...	16 0	16 0	12 8	...	...	...	10 0	10 0	11 0	15 0	15 0	14 0	...	...	...
38 Sonthal Parganas. ...	12 8	12 8	9 12	...	...	...	12 0	12 0	11 8	16 0	16 0	14 0	...	...	...
ORISSA.																	
ORISSA DIVISION.	39 Cuttack ...	13 2	14 7	10 8	...	...	...	10 8	10 8	10 8	15 12	16 7	14 7	...	...	...
	40 Balasore ...	14 0	14 0	11 0	8 0	8 0	10 0	12 0	12 0	10 0	18 0	18 0	15 0	...	...	...
	41 Puri ...	10 8	10 8	9 8	...	...	...	7 14	7 14	9 8	17 1	17 1	14 7	...	...	...
CHOTA NAGPUR.																	
CHOTA NAGPUR DIVISION.	42 Hazaribagh ...	12 0	12 0	8 8 new 12 0	16 0	14 0	14 8	8 0	8 0	8 0	13 0 new 15 0	13 0	12 8	...	...	...
	43 Lohardaga (Ranchi). ...	11 0 7 0 to 9 0	Red. 12 0 White. 8 0 to 10 0	11 0 7 0 15 12	18 0 to 20 0	18 0 to 20 0	13 0	13 0 to 14 0	13 0 to 14 0	11 8 to 17 0	16 0 to 18 0	13 0 to 15 0	...	...	...	...
	44 Palamau (Dalton-ganj.) ...	16 14	14 10	15 12	23 0	10 0	27 0	11 4	11 4	10 2	15 12	15 8	12 15	...	...	...
	45 Manbhum ...	14 0	14 0	18 0	20 0	20 0	10 0	11 0	10 8 to 13 0	9 0 to 10 0	15 0 to 16 0	14 8 to 16 0	11 8 to 13 0	...	...	...
46 Singhbhum ...	14 0	12 0	12 0	8 0	...	...	12 0	12 0	10 0	14 0	14 0	14 0	...	...	...	...

T In the subdivisions the retail prices of salt per rupee are :—Brahmanbaria 9 seers 2 chitaks and Chandpur 8 seers.

U At Penny Hat the retail price of salt is 8 seers per rupee.

UI At Cox's Bazar the retail price of salt is 8½ seers per rupee.

V In the subdivisions the retail prices of salt per rupee are :—Barh 11½ seers, Bihar 10 seers, and Dinapore 10 seers.

W In the subdivisions the retail prices of salt per rupee are :—Jahanabad 10 seers, Aurangabad 9½ seers, and Nawada 9 seers.

X In the subdivisions the retail prices of salt per rupee are :—Buxar 10½ seers, Sasaram 10 seers, and Bhambhua 9½ seers.

Y At Siwan the retail price of salt is 10 seers 8 chitaks per rupee.

Z At Bettiah the retail price of salt is 11 seers per rupee.

a In the subdivisions the retail prices of salt per rupee are :—Hajipur 10 seers and Sitamarhi 11 seers.

SEERS OF 80 TOLAHS.

BAJRA OR COMBU. (<i>Pennisetum typhoides</i> .)			MARUA OR RAGI. (<i>Eriusina Corchoris</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.

S. Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

...
...
...

...
15 4	15 4	18 0	...	...	...
...
...	...	...	20 0	20 0	20 0
...
...	...	...	20 0	20 0	25 0
...	...	...	26 7	24 8	24 3

...
...
...
16 0	16 0	18 0	...	...	...
...

...
...
...

...	...	...	24 0	23 0	21 0
...	...	...	30 0	31 0	26 0
...
16 0	...	16 0	...	...	...
...

KANGNI OR KARUN, ITALIAN MILLET. (<i>Setaria italica</i> .)									GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Cicer arietinum</i> .)								
Present return.			Next preceding re- turn.			re- turn of last year.			Present return.			Next preceding re- turn.			re- turn of last year.		
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.
...	16	0	14	0	11	0	...	...	...	...	...	...
...	13	0	12	8	11	4	...	...	...	...	...	...
...	12	8	12	8	11	0	...	...	...	...	...	...
16	0	20	0	22	0	22	0	23	0	22	0	...	...	...	...	...	...
18	4	14	4	16	4	20	0	22	0	16	0	...	...	...	...	...	...
...	20	0	20	0	15	0	...	...	...	...	...	...
16	0	16	0	10	0	22	0	21	4	17	8	...	...	...	...	...	...
...	23	0	23	8	15	4	...	...	...	...	...	...
...	21	8	10	8	20	0	...	...	...	...	...	...
...	24	8	23	1	12	1	...	...	...	...	...	...
12	10	13	10	14	11	{ 23 1 to 25 3 }		24	0	{ 22 1 to 23 1 }		...	...	...	...	...	...
...	20	8	20	8	14	8	...	...	...	...	...	...
...	10	0	25	0	10	0	...	...	...	...	...	...
13	0	13	0	13	0	16	0	16	0	11	0	...	...	...	...	...	...
...	16	0	16	0	15	4	...	...	...	...	...	...
...	(Kala).											
...	15	12	16	7	19	11	...	...	...	...	...	...
...	Chhola.											
...	{ 12 0 12 0 12 0 Kala or Biri.											
...	16	0	16	0	16	0	...	...	...	...	...	...
...	15	1	15	1	17	1	...	...	...	...	...	...
...	16	0	14	0	13	0	...	...	...	...	...	...
...	Dall.											
...	9	8	...	...	...	...	...	...	...	...	...	...
...	Pulse.											
...	14	0	to	15	0	...	...	...	...	...	...	...
...	15	0	...	...	...	...	...	...	...	...	...	...
...	21	16	21	15	19	2	...	...	...	...	...	...
...	17	0	17	0	14	8	...	...	...	...	...	...
...	12	0	12	0	12	0	...	...	...	...	...	...

Station Basars of the Districts of Bengal on the 31st March, 1894—(concluded).

												WHOLESALE PRICES PER MAUND OF 40 SEERS.						DISTRICTS.	Number.
INDIAN-CORN OR MAIZE (Zea Mays.)			ARRAR OR TUR, CADJAN PEA. (Cajanus indicus.)			FINEWOOD.			SALT.			SALT.							
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.					
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.					
...	...	...	7 0	8 0	11 5	...	...	...	T 8 0	8 0	10 13 4	4 2 0	4 4 0	3 12 0	Tippera.	24
...	...	...	...	...	...	...	...	...	U 8 8	8 0	10 0	4 8 0	4 8 0	4 0 0	Noakhali	25
...	...	...	...	...	...	80 0	80 0	80 0	U1 10 0	10 0	10 0	3 14 0	3 14 0	3 13 0	Chittagong.	26
BENGAL—continued.																			
22 0	22 0	23 0	25 0	25 0	22 0	130 0	130 0	130 0	V 10 0	11 0	11 8	3 12 0	3 10 0	3 8 0	Patna.	27			
...	...	...	19 0	19 0	19 0	120 0	120 0	120 0	W 9 12	9 12	10 0	4 1 0	4 1 0	3 12 0	Gaya.	28	
20 0	20 0	20 0	20 0	19 0	21 0	140 0	140 0	160 0	X 10 8	10 6	11 0	3 13 0	3 14 0	3 10 0	Shahabad.	29			
20 0	20 8	21 8	24 0	24 0	18 8	200 0	200 0	210 0	Y 9 12	9 12	10 8	4 0 0	4 1 0	3 10 6	Saran.	30			
17 8	17 10	21 12	22 8	22 12	16 0	180 0	180 0	160 0	Z 10 8	10 8	10 8	3 13 0	3 12 0	3 12 0	Champaran.	31			
20 0	19 0	22 0	21 8	21 8	17 0	160 0	160 0	160 0	a 11 0	11 0	11 0	3 10 0	3 10 0	3 10 0	Muzaffarpur.	32			
21 8	19 12	24 0	23 4	24 8	16 0	176 0	176 0	176 0	b 11 0	11 0	10 4	3 8 0	3 8 0	3 12 0	Darbhanga.	33			
19 15	22 0	22 1	18 14 21 0 to to	23 1	15 3	147 0	125 0	120 0	c 10 8	10 8	10 12	3 12 0	3 14 0	3 7 6	Monghyr.	34			
21 7	20 8	21 7	17 11	16 6	15 12	125 4	125 4	151 8	d 10 1	10 0	10 11	4 0 0	4 0 0	3 12 0	Bhagalpur.	35			
...	...	...	16 0	16 0	12 0	320 0	320 0	320 0	e 10 0	10 0	10 0	4 0 0	4 0 0	3 10 2	Purnea (Kasba).	36	
25 0	25 0	...	13 0	13 0	12 0	100 0	100 0	160 0	f 9 0	9 0	10 0	...	...	...	Malda (English Bazar).	37
19 0	21 0	22 8	19 0	19 0	22 8	140 0	140 0	200 0	f 10 0	10 0	10 8	3 12 0	3 12 0	3 10 3	Sonthal Parganas.	38			
BIHAR.																			
...	...	...	19 11	19 0	19 1	80 0	80 0	80 0	g 10 12	10 12	10 12	3 12 0	3 12 0	3 6 0	Cuttack.	39	
...	...	...	11 0	11 0	10 12	130 0	130 0	160 0	h 10 0	10 8	11 0	3 12 0	3 12 0	3 10 0	Balasore.	40	
...	...	...	17 11	17 11	15 12	80 0	80 0	80 0	i 10 10	10 10	11 8	3 10 0	3 10 0	3 5 0	Puri.	41	
CHOTA NAGPUR.																			
18 0	18 0	17 0	16 0	14 0	15 0	240 0	240 0	240 0	j 8 0	8 0	9 0	4 8 0	4 8 0	3 15 0	Hazaribagh.	42			
18 0	20 0	18 0	12 0 Dall. 7 0 to 12 0 pulses.	10 0 Big. 10 0	13 12 Big. 13 12	160 0	160 0	140 0	k 9 0	9 0	9 4	4 6 0	4 5 0	4 2 0	Lohardaga. (Ranchi).	43			
...	23 10	23 8	18 0 10 8 to 18 0 Small.	17 8 Small. 16 0	...	...	...	...	8 6 1	8 7	...	...	...	...	Palamau (Dalton- ganj.)	44
28 0	28 0	18 0	18 0	20 0	18 0	...	...	...	l 10 0	9 2	10 10	4 0 0	4 0 0	3 10 0	Manohum.	45
...	...	...	14 0	16 0	14 0	100 0	100 0	100 0	m 8 0	8 0	9 0	4 6 0	4 6 0	4 6 0	Singbhum.	46	

b In the subdivisions the retail prices of salt per rupee are :—Madhubani 11 seers and Samastipur 10 seers.

c In the subdivisions the retail prices of salt per rupee are :—Bogusarai 10 seers and Jamui 10 seers.

d In the subdivisions the retail prices of salt per rupee are :—Banka 9 seers 6 chitaks, Madhipura 9 seers, and Supaul 10 seers.

e In the subdivisions the retail prices of salt per rupee are :—Kishanganj 9 seers and Arraria 9 seers.

f In the subdivisions the retail prices of salt per rupee are :—Deoghur 10 seers, Godda 9 seers, Jamtara 9 seers, Pakur not reported.

g In the subdivisions the retail prices of salt per rupee are :—Jajpur 9 seers, Kendrapara 9 seers, and Banki 11 seers.

h At Bhadrak the retail price of salt is 9 seers per rupee.

i At Giridih the retail price of salt is 11 seers per rupee.

j At Gobindpur the retail price of salt is 11 seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARKTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 14 0	3 0 0	3 4 0	2 6 0	2 6 6	2 5 0	5 4 0	5 4 0	5 9 0	3 14 0	3 15 0	4 0 0
2	Birajganj ...	2 6 0	2 6 0	3 0 0	...	...	...	5 10 0	...	6 0 0	3 8 0	3 8 0	3 8 0
3	Dacca ...	3 4 0	3 0 0	3 10 0	Nil	Nil	Nil	4 0 0	4 8 0	3 11 0	3 4 0	3 4 0	3 7 0
4	Narayanganj ...	...	...	...	...	...	...	3 8 0	3 13 0	3 10 0	3 2 0	3 2 0	3 6 0
5	Chittagong ...	3 6 0	3 6 0	4 8 0	...	...	...	3 8 0	4 0 0	3 6 0	3 0 0	3 5 0	2 15 0
6	Patna ...	2 3 6	Red. 2 3 6	2 15 6	1 9 6	1 9 6	1 10 6	3 14 0	4 0 0	4 3 10	2 6 0	2 9 3	3 8 0
		2 6 0	White. 2 6 0	3 5 6									
7	Belasore ...	2 12 0	2 12 0	3 8 0	4 12 0	4 12 0	3 12 0	3 2 0	3 0 0	3 12 0	2 3 0	2 2 0	2 10 0
8	Puri ...	3 6 0	3 0 0	4 4 0	...	...	...	5 1 0	5 1 0	4 4 0	2 4 0	2 4 0	2 11 0
9	Cuttack ...	3 0 0	2 12 0	3 10 0	...	...	...	3 10 0	3 10 0	3 10 0	2 8 0	2 7 0	2 12 0

CALCUTTA,
The 10th April, 1894.

PRICES PER MAUND					
JOWAR OR CHOLU. (<i>Sorghum Vulgare</i> .)			BAJRA OR CUMBU. (<i>Pennisetum typhoides</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.
2 2 0	2 0 0	2 0 0	2 9 0	2 9 0	Nil
...
Nil	Nil	Nil	Nil	Nil	Nil
...
...
1 9 6	2 8 0	1 7 0	...	...	...
...
...
...

OF 40 SEERS.

MARUA OR RAOI. (<i>Eleusine Corocana</i> .)			KANGNI OR KARDU, ITALIAN MILLET. (<i>Setaria italica</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
Nil	Nil		5	5 2 0	Nil
...
Nil	Nil	Nil	Nil	Nil	Nil
...
...
...	...	...	2 6 0	2 0 0	13 6
...
...
...

in the undermentioned *Marts* of Bengal on the 31st March, 1894.

GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (Cicer Arietinum.)			INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 6 0	2 7 0	2 12 0	1 12 0	1 13 3	2 0 0	2 3 0	2 2 0	3 0 0	0 6 9	0 6 9	0 7 0	3 9 0	3 9 0	4 0 0	Calcutta.
2 6 0	2 6 0	3 4 0	...	...	...	...	...	...	0 6 0	0 6 0	0 6 0	3 10 0	3 14 0	3 8 0	Sirajganj.
2 4 0	2 4 0	3 0 0	Ni	NH	Ni	2 0 0	2 0 0	2 4 0	0 5 0	0 5 0	0 5 0	4 0 0	4 0 0	3 10 0	Dacca.
2 8 0	2 0 0	...	...	...	...	1 14 0	1 12 0	...	0 6 0	0 6 0	0 6 0	4 0 0	3 10 0	3 10 0	Narayangan.
2 0 0	3 0 0	3 8 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	3 14 0	3 14 0	3 13 0	Chittagong.
1 11 6	1 11 6	1 13 0	1 11 6	1 13 0	1 11 6	1 8 9	1 9 0	1 13 0	0 5 0	0 5 0	0 5 0	3 12 0	3 10 0	3 8 0	Patna.
2 14 0	2 14 0	2 14 0	...	...	...	3 8 0	3 8 0	3 10 0	...	...	...	3 12 0	3 12 0	3 10 0	Balnore.
2 7 0	2 7 0	2 5 0	...	...	...	2 1 0	2 1 0	2 8 0	0 8 0	0 8 0	0 8 0	3 10 0	3 10 0	3 5 0	Puri.
2 8 0	(Kalai) 2 7 0	2 0 0	...	...	...	2 0 0	2 0 0	2 0 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 6 0	Cuttack.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED BY—													
NAMES OF MERCHANTS.	1st week of April 1893.	1st week of May 1893.	1st week of June 1893.	1st week of July 1893.	1st week of August 1893.	1st week of Sept. 1893.	1st week of Oct. 1893.	1st week of Nov. 1893.	1st week of Dec. 1893.	1st week of Jan. 1894.	1st week of Feb. 1894.	1st week of March 1894.	1st week of April 1894.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Balachandra	9,84,000	12,33,000	11,73,000	10,31,000	8,84,000	8,47,000	7,10,500	4,83,000	4,11,000	3,19,000	6,07,000	6,08,000	9,32,500
Uttadanga	1,66,000	1,15,000	1,17,500	1,19,700	1,08,400	65,000	61,300	53,300	43,400	42,000	53,700	54,900	54,300
Chittur, Golabara, Kunnooly, Haththola, and Gurpi Ghat.	6,46,000	6,43,000	6,68,000	6,65,300	6,64,900	6,84,500	7,06,700	6,53,600	4,71,000	4,42,100	5,60,500	6,48,800	6,20,000
Pathariasakha, Potta, and Jorahagan.	3,000	2,000	2,500	3,000	2,000	2,500	3,000	2,000	1,500	2,000	2,500	2,000	2,500
Tollymore, Chetia, Kidderpore, and Mughlanj.	1,66,700	1,55,300	1,70,300	1,53,300	1,31,600	1,31,900	1,17,500	1,06,000	97,600	1,10,300	1,29,900	1,34,300	2,09,500
81 Minor bazaar (estimated)...	2,49,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 2,129 in number (estimated)...	2,59,000	2,50,000	2,52,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Seidabadi, Nawabganj, Ryadachwar, and Chandernagore.	6,602	5,519	42,677	28,275	43,300	26,760	10,814	17,314	19,256	17,697	19,133	61,875	68,750
Total	23,13,403	27,42,619	26,61,777	24,90,575	23,27,400	22,57,650	20,39,944	17,77,244	15,41,756	16,23,057	18,03,580	20,30,925	23,63,150
On Railway premises on both sides of the river.	23,773 (on 3rd April 1893.)	10,904 (on 3rd May 1893.)	11,512 (on 3rd June 1893.)	8,605 (on 3rd July 1893.)	12,897 (on 3rd August 1893.)	14,819 (on 3rd Sept. 1893.)	21,127 (on 3rd Oct. 1893.)	8,653 (on 3rd Nov. 1893.)	19,280 (on 3rd Dec. 1893.)	42,934 (on 3rd Jan. 1894.)	39,003 (on 3rd Feb. 1894.)	21,853 (on 3rd March 1894.)	19,394 (on 3rd April 1894.)
On boats un-headed ...	25,720 (1st to 3rd April 1893.)	31,378 (1st to 3rd May 1893.)	19,601 (1st to 3rd June 1893.)	13,314 (1st to 3rd July 1893.)	50,431 (1st to 3rd August 1893.)	23,091 (1st to 3rd Sept. 1893.)	30,729 (1st to 3rd Oct. 1893.)	32,808 (1st to 3rd Nov. 1893.)	53,114 (1st to 3rd Dec. 1893.)	50,035 (1st to 3rd Jan. 1894.)	48,074 (1st to 3rd Feb. 1894.)	48,074 (1st to 3rd March 1894.)	28,147 (1st to 3rd April 1894.)
By Canal returns	76,791 (1st to 3rd April 1893.)	34,109 (1st to 3rd May 1893.)	7,615 (1st to 3rd June 1893.)	14,023 (1st to 3rd July 1893.)	19,787 (1st to 3rd August 1893.)	31,941 (1st to 3rd Sept. 1893.)	34,223 (1st to 3rd Oct. 1893.)	13,331 (1st to 3rd Nov. 1893.)	11,839 (1st to 3rd Dec. 1893.)	51,136 (1st to 3rd Jan. 1894.)	1,35,363 (1st to 3rd Feb. 1894.)	66,413 (1st to 3rd March 1894.)	23,311 (1st to 3rd April 1894.)
Grand total of Stocks	24,39,746	28,06,100	27,00,505	25,27,379	24,16,535	23,51,501	21,64,901	18,36,274	16,07,469	17,67,790	21,01,166	21,77,192	24,33,300
Probable stock available for exportation by sea.	132 lakhs	174 lakhs	164 lakhs	144 lakhs	134 lakhs	124 lakhs	11 lakhs	74 lakhs	64 lakhs	7 lakhs	104 lakhs	114 lakhs	132 lakhs

STATISTICAL DEPARTMENT,
The 6th April, 1894.

C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of March 1894.

	Inches.	Date.	Hour.
The mean pressure of the month	29.825		
The average pressure of March from 24 years' registers ...	29.869		
The highest pressure in the month	30.049	14th	10
The lowest pressure in the month	29.556	5th	16
The range of pressure	0.493		
Hours.			
The total number of hours of bright sunshine during the month ...	271.5		
The maximum possible number of hours of sunshine ...	371.3		
°			
The mean temperature of the month	80.4		
The average temperature of March from 24 years' registers ...	80.6		
The highest temperature in the month	93.8	24th	
The lowest temperature in the month	59.8	9th	
The range of temperature during the month	39.0		
The mean daily range of temperature	22.5		
The greatest range of temperature in one day	30.0	9th	
Per cent.			
The mean humidity of the month	66		
The average humidity of March from 24 years' registers ...	66		
Inches.			
The mean vapour tension of the month	0.653		
The average vapour tension of February from 9 years' registers ...	0.702		
The mean cloud proportion of the month	2.05		
The average cloud proportion of March from 17 years' registers ...	2.52		
The total rainfall of the month	1.50		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground) ...	0.947		
The average fall of March from 48 years' registers	1.34		
The greatest fall in 24 hours	1.01	12th	
Days.			
The number of rainy days in the month	2		
The average number of rainy days in March from 24 years' registers	4		
°			
The mean maximum equilibrium temperature of solar radiation during the month	145.7		
The mean difference of sun and air temperatures	53.6		
The greatest sun temperature	153.5	18th	
The greatest excess of sun over air temperature	61.3	6th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	62.8		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	7.4		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	12.5	26th	
Miles.			
The mean movement of the wind per day	87.5		
The greatest movement of the wind in one day	174.0	1st	
The greatest movement of the wind in one hour	20.0	1st, 9 to 10 A.M.	
The number of hours with winds from each of the 8 points—			
N. 32, N.E. 10, E. 20, S.E. 14, S. 247, S.W. 153, W. 80, N.W. 86, Calm 102.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 1.0° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

J. H. GILLILAND,

METEOROLOGICAL OFFICE, INDIA:
Calcutta, the 9th April 1894.

For Meteorological Reporter to the Govt. of India.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS
TAKEN IN ASSAM, FOR THE MONTH OF MARCH 1894.**

The principal features in the meteorology of March 1894 have been—

1. The mean pressure for the month has been below the normal in all districts. The defect has been moderate, exceeding 0·0·5 inch in North Bihar and in the extreme east of the province, while it has ranged up to rather more than 0·04 inch in South-East Bengal and Assam. On the other hand, the defect has been comparatively small in Chota Nagpur and the west of Bihar, where it has equalled only a little more than 0·01 inch.

2. The mean temperature for the month has been slightly above the normal over the southern half of the province, and in slight defect over the northern half. Taking the whole of Bengal and Assam into consideration, the mean temperature has been in excess by 0·2°, but while Orissa has shown an excess of 1·4° and South-West Bengal one of 0·8°, on the other hand Assam has shown a defect of 0·6° and Bihar one of 0·5°. The largest variations have been shown in the day, or maximum, temperatures, which have been in excess at the great majority of stations.

3. Humidity has been lower than usual at the majority of stations, and the defect has been largely noticeable in South-West Bengal. Cloud proportion, on the other hand, has been above the normal at the majority of stations by small amounts, except, perhaps, in Assam, where the sky has been less clouded than usual.

4. Winds during March have had an unusually strong westerly element in them, and, except at a few of the eastern stations, where easterly and north-easterly winds have been reported, winds have been westerly or west-south-westerly in almost all cases. The northerly element in the wind directions, which sometimes prevails in March, has not been strongly developed.

5. Fine settled weather has prevailed over the province for the greater part of the month, and the only disturbed conditions of any importance were in connection with a barometric depression which occurred over Bengal during the first week of the month. Practically none of the barometric depressions or storms originating in or travelling through North-Western India advanced over Bengal, and hence the province was remarkably free from disturbance during the month.

6. Owing to the absence of disturbed and unsettled weather, the amount of rain which has been received over the province has been very small, except in East Bengal. The falls in most divisions have averaged less than, or about a quarter of an inch, and in South-West Bengal the fall has been less than, two-thirds of an inch. The falls have hence been much below the normal in all divisions except East Bengal, which, on the other hand, has received the large average fall of 4·71 inches, or about sixty per cent. more than usual in March.

The following summary will give a short description of the more important changes during the month:—

On the 1st of March pressure had given way rapidly in Bengal, the fall equalling in some cases about a seventh of an inch, and a very influential barometric depression was formed over the western half of the province, while the differences of pressure over the Bay became considerable. Local storms with rain were therefore numerous, and rather strong southerly winds were blowing at the head of the Bay. On the 2nd of March a further fall of pressure took place over the greater part of Bengal, and the depression moved somewhat in an easterly direction, and at some stations pressure was a fifth of an inch below the normal. Again, local storms with rain were numerous, and in some cases they were severe, and Barisal reported 3·55 inches during a thunderstorm with hail. Madaripur in the Faridpur district also registered 4·70 inches of rain, Gournadi (Backergunge district) 3·48 inches, Ramganj (Noakhali district) 4·65 inches, Mirsarai (Chittagong district) 5·82 inches, and Rangamatia 3·72 inches. On the 3rd March a rather brisk fall of pressure had again occurred in Bengal, and pressure became in defect by amounts ranging up to 0·285 inch at Malda. Disturbed conditions therefore continued, and several heavy falls of rain accompanying local storms were reported, Rangamatia receiving the very heavy fall of 7·52 inches. With this pressure distribution also strong southerly winds were blowing over the province from the Bay, bringing up much moisture, while temperature was also generally in excess by about 3°. On the 4th pressure rose slowly and conditions were less disturbed, but on the 5th pressure again fell briskly, particularly in South-West Bengal and Orissa, and the depression over Bengal increased in depth, and on the 5th and 6th local storms with rain were rather numerous. On the 7th and 8th the depression which had so long existed over Bengal steadily filled up, and on the 9th it had almost disappeared, and dry westerly and north-westerly winds flowed over the province, while the local storms practically ceased. On the 11th, however, a slight recurrence of the previous conditions was noticed. A brisk fall of pressure took place on this date over Chota Nagpur and the neighbouring districts, and a distinct barometric depression was formed, the winds at the neighbouring stations showing indraught towards the small storm. The small depression, however, moved away rapidly in a south-easterly direction, and on the 12th it was in South-East Bengal. In its

passage it gave moderate rain in South-West and South-East Bengal. The pressure changes on the 12th and 13th caused almost a reversion to the pressure distribution of February, and with the high pressure thus established north-westerly and westerly winds set in over a large part of the province, and weather became fine and dry in all districts. The excess pressure gradually disappeared, and winds became less northerly, while at the southern stations winds were more or less southerly from about the 17th instant, but from this date to the close of the month the changes continued unimportant, and ordinary hot-weather conditions prevailed. Hence during this period the changes call for no detailed review.

Pressure.—In the early part of the month pressure was below the normal by about a tenth of an inch. In the week ending the 10th instant the defect had increased up to about 0·15 inch. In the following week for the first few days pressure was in defect, it was decidedly in excess in the middle of the week, and nearly normal at its close. In the week ending the 24th the defective pressure had quite disappeared, and an excess of about 0·02 to 0·03 inch was registered, while in the last week the excess had increased and ranged from about 0·05 inch at the eastern stations to about 0·08 to 0·10 inch at the western stations. Hence the mean pressure for the whole month was below the normal, the defect equalling about 0·01 to 0·02 inch over the greater part of the western half of the province, while defects of 0·03 to 0·04 inch have been registered at the western and a few of the northern stations. The actual defects have ranged from 0·010 inch at Ranchi and 0·009 inch at Bankura to 0·046 inch at Sibsagar and 0·042 inch at Chittagong.

Temperature.—The mean temperature for the month has been in excess of the normal in South-West and East Bengal, in Bihar, and Chota Nagpur by amounts which have generally averaged less than a degree. Slight defects, on the other hand, have been registered in North Bengal, Bihar and Orissa, the defects usually equalling about half a degree. Hence the general temperature for the whole province has been very slightly in excess, the excess for Bengal equalling about 0·3°.

The following table shows the variation of temperature from the normal, week by week, for the month at nine typical stations in different districts of the province:—

STATIONS.	WEEK ENDING 10TH MARCH 1894.			WEEK ENDING 17TH MARCH 1894.			WEEK ENDING 24TH MARCH 1894.			WEEK ENDING 31ST MARCH 1894.		
	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.
Cuttack ...	+1·3	+3·5	+2·3	-0·1	+1·3	+0·6	+2·6	+0·2	+1·4	+1·7	-0·2	+0·7
Calcutta ...	+0·4	+2·9	+1·7	-3·3	-1·6	-1·9	+3·3	-0·7	+1·6	+2·8	-2·7	+0·1
Chittagong ..	-4·9	+2·1	-1·4	-2·7	-1·6	-2·2	-0·1	+2·7	+1·3	+1·9	-2·9	-0·6
Burdwan ...	+0·3	+2·7	+1·4	-2·1	-1·9	-1·5	+1·9	+1·4	+1·7	0	-0·0	-3·0
Patna ...	-1·1	-0·9	-1·0	-2·0	-4·0	-3·0	+1·1	+4·4	+2·3	-1·3	-3·2	-2·3
Gaya ...	-1·7	-0·3	-1·0	-1·7	-5·4	-3·6	-2·6	-1·4	-2·0	-2·6	-8·1	-5·5
Purnea ...	-2·3	+1·0	-0·6	-2·8	-3·9	-3·3	+1·3	+1·0	+1·2	+0·8	-4·0	-1·6
Hasaribagh ...	+0·2	+1·7	+0·9	-0·7	-2·3	-1·5	1·3	+1·3	0	-1·0	-8·7	-2·3
Darjeeling ...	-4·3	-2·4	-3·4	-4·8	-2·3	-3·6	+1·1	-0·1	+0·5	+4·9	+2·7	+3·7

Rainfall.—The average fall of rain in East Bengal has equalled 4·71 inches, or 1·85 inch more than usually falls in March. South-West Bengal has received the next largest amount of 0·61 inch, or about two-fifths of the normal amount. In North Bengal and Orissa the falls have averaged about a quarter of an inch, while in Chota Nagpur the average fall was only 0·03 inch. Hence in these divisions the falls have been very largely below the normal amounts.

In East Bengal the falls have been exceedingly heavy in the South Lushai Hills, where 23·6 inches have been registered, or 20·82 inches more than usual. The districts of Chittagong and Nonkhali have also received very heavy falls. Indeed, all districts in this division have received abundant rain except Mymensingh. In South-West Bengal the districts which have received fairly good rain have been Khulna, Jessore, and Calcutta, while Bankura, Birbhum and Murshidabad have received very little rain. In the remaining divisions practically all districts have received very scanty rainfall.

In Assam Silchar has reported 9·71 inches, Sibsagar 3·46 inches, and Goalpara 0·15 inch of rain during March.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.						
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th Oct. 1893.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
South-West Bengal	105.4	53.3	83.5	69.0	81.2	+0.8	0.61	1.46	-0.85	0.93	3.17	-1.24	3.23	5.23
North Bengal	99.1	50.1	82.6	60.9	74.8	-0.49	0.19	1.22	-1.03	0.96	1.60	-0.84	3.70	4.08
East Bengal	97.5	51.1	87.1	67.8	77.2	+0.2	4.71	2.86	+1.65	4.12	5.00	+0.83	9.82	7.65
Bihar	101.7	49.9	89.9	62.1	76.1	-0.5	0.10	0.41	-0.31	0.40	0.90	-0.50	5.00	2.70
Orissa	103.3	62.1	90.7	73.9	82.4	+1.4	0.30	1.10	-0.80	0.80	1.64	-1.04	6.00	6.76
Chota Nagpur*	102.5	53.7	90.7	65.0	77.9	+0.5	0.03	0.85	-0.82	0.18	1.06	-1.46	3.92	3.60
Assam	96.8	55.7	83.8	62.5	72.6	-0.6								

* Daltonganj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 10th April 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of March 1894.

	Inches.	Date.
The mean pressure at 10 A.M. during the month	29.902	
The mean temperature at 10 A.M. during the month	85.2	
The highest temperature during the month	98.5	24th and 31st.
The lowest temperature during the month	60.9	9th
The absolute range of temperature during the month	37.6	
The mean daily range of temperature during the month	23.1	
The greatest range of temperature in one day during the month	30.6	9th
The mean 10 A.M. humidity during the month	53	
The mean 10 A.M. vapour tension during the month	0.634	
The total rainfall of the month	1.09	
The greatest fall in 24 hours	0.55	12th
The number of rainy days in the month	2	days

METEOROLOGICAL OFFICE, INDIA,
The 9th April 1894.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 1st to 7th April 1894.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 82° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1894.				Inches.						Inches.		%			Inches.	
(April	1st	152.5	8.3	29.802	84.7	98.5	26.3	72.2	75.0	0.740	70.2	66	S and SSE	131	Nil	Partially cloudy, P.
"	2nd	145.0	7.1	763	84.6	92.3	14.3	78.0	77.8	863	74.8	73	S by E, S and SSE	225	"	Partially cloudy, t.
"	3rd	144.6	9.6	768	83.2	91.6	18.6	78.0	75.8	795	72.3	71	SSE and SE	225	"	Clear.
"	4th	149.5	9.4	800	84.2	92.6	15.7	76.9	77.5	854	74.5	74	S and SSE	218	"	Chiefly clear.
"	5th	146.1	8.6	834	83.6	92.7	15.4	77.3	77.5	865	74.8	76	S, SSE and variable.	209	0.55	Partially cloudy, o, g, p, t, <.
"	6th	146.8	8.0	747	83.1	93.2	21.2	72.0	78.3	905	76.2	80	S and SSE	221	Nil	Partially cloudy.
"	7th	155.0	9.4	640	87.9	103.3	27.3	76.0	75.7	725	69.6	55	S by E and WSW	155	"	Partially cloudy.

The mean pressure of the seven days Inches.
 The average pressure of the corresponding period for 24 years, Surveyor-General's Office 29.763

The total number of hours of bright sunshine 29.788
 The maximum possible number of hours of sunshine Hours.
 60.3
 86.8

The mean temperature of the seven days 84.5
 The average temperature of the corresponding period for 24 years, Surveyor-General's Office

The extreme variation of temperature 184.3
 The maximum temperature 31.3
 103.3

The highest velocity of the wind in one hour Miles.
 18

The mean relative humidity %
 The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office 71

The total fall of rain from 1st to 7th April 1894 Inches.
 The average fall of the corresponding period for 24 years, Surveyor-General's Office 0.55

The total fall from 1st January to 7th April 1894 0.39
 The average fall of the corresponding period for 24 years, Surveyor-General's Office 2.30

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h. 3.16

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; p, passing temporary showers; t, thunder; <, lightning; a, dew.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

Calcutta, the 9th April 1894.

J. H. GILLILAND,

For Meteorological Reporter to the Govt. of India.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY,
THE 7TH OF APRIL 1894.**

THROUGHOUT the whole of the previous week fine settled weather of ordinary hot-weather character had prevailed in Bengal. On the 1st of April, or the first day of the week under review, a brisk to rapid fall of pressure occurred, the fall exceeding a tenth of an inch in parts of Bihar, North Bengal and Assam, but still pressure was slightly above the normal of the day. Temperature also rose rather rapidly, and the day temperature became decidedly in excess of the normal. Fine settled weather, however, still prevailed, and no rain was reported. On the 2nd the fall of pressure continued, and slightly defective pressure was recorded, particularly at the western stations, while temperature and humidity again increased at the majority of stations. Rather strong southerly winds also set in at the head of the Bay, bringing up considerable amounts of moisture. Conditions on this day were, however, not quite so settled as they had been, and local storms occurred in Assam, where Sibsagar reported 0.70 inch of rain. On the 3rd instant the pressure changes were small, and the general pressure continued in moderate defect. Strong, moist, southerly, and in many cases south-easterly winds continued to blow from the Bay into Bengal, and these winds were met over the western districts of the province by dry westerly winds blowing down the Gangetic plain. Hence a considerable amount of interaction took place between these opposing wind systems, and rather numerous local storms with rain occurred, rain being reported in South and East Bengal and Orissa, while Bogra reported a thunderstorm with hail, and a snowstorm occurred at Guatong. A slight to rapid increase of pressure occurred in Bengal on the 4th, the change being small in the south-western districts and large in parts of Assam and North Bengal, pointing to the continuance of decidedly disturbed conditions, and again rather numerous local storms with rain occurred, Naraingunge reporting 0.81 inch of rain with hail during a thunderstorm, while again a snowstorm occurred at Guatong. A small but irregular increase of pressure occurred on the 5th, showing that disturbed conditions still continued, and again a few local storms with rain, etc., occurred, Guatong receiving 0.27 inch of snow during a snowstorm. On the 6th a brisk fall of pressure recommenced in Bengal, the fall in some parts of Assam equalling an eighth of an inch. Rather strong southerly winds continued to blow from the Bay over Bengal, and again a good many local storms had occurred, Calcutta reporting 0.55 inch, while Burdwan had received 0.25 inch of rain accompanied by hail. On the 7th, or the last day of the week, pressure had fallen very rapidly, the fall at many of the northern stations ranging up to nearly a fifth of an inch and equalling more than a tenth of an inch at the southern stations. Hence pressure over Bengal became so low that a barometric depression existed over parts of North Bengal, where there was a defect exceeding a fifth of an inch. Winds also generally became more westerly in connection with this low-pressure area, while temperature rose and generally became in excess of the normal by from 1° to 3° . With the extension of dry westerly winds, however, the number of local storms rapidly decreased, and on the 7th practically no rain was reported.

Pressure.—At the great majority of stations the mean pressure for the week has been slightly below the normal, but the defect is generally not larger than about 0.02". The pressure variations are, however, decidedly variable even at neighbouring stations, and the extreme variations are from a defect of 0.054" at Buxar to an excess of 0.016" at Chittagong and Darjeeling.

Temperature.—The changes of temperature during the week have been rather large and irregular, and have been to a considerable extent due to the occurrence of local storms with rain. For the whole week the mean temperature of the province has been about 0.6° above the normal, the excess being mainly confined to Chota Nagpur and South-West Bengal.

The actual temperatures registered during the week and their variations from the normal temperature for the present season are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the province are compared with the normal values for the same period. The day, or maximum, readings for the week have shown a slightly lower temperature than usual, and the defect at the nine stations in the maximum, or day, temperature has equalled 0.2° , while the night, or minimum, temperature has been in rather larger defect, the variation at the nine stations averaging nearly 0.3° :—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 7th of April 1894.

	Normal mean maximum temperature for the week ending 7th April.	Actual mean maximum temperature for the week ending 7th April 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 7th April.	Actual mean minimum temperature for the week ending 7th April 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 7th April.	Actual mean daily temperature for the week ending 7th April 1894.	Variation of actual mean from the normal.
Cuttack	101.4	99.6	-1.8	76.8	77.1	+0.3	89.0	88.4	-0.6
Calcutta	96.6	94.0	-2.6	74.0	76.0	+2.0	85.1	84.0	-1.1
Chittagong	88.3	80.0	-8.3	73.0	75.5	+2.5	80.7	80.2	-0.5
Rurdwan	100.1	99.0	-1.1	74.2	73.7	-0.5	87.3	86.4	-0.9
Patna	99.5	99.2	-0.3	71.6	70.5	-1.1	86.6	86.0	-0.6
Cuma	101.1	102.2	+1.1	73.7	68.9	-4.8	86.0	85.5	-0.5
Purnea	97.2	96.3	-0.9	68.1	69.2	+1.1	82.7	81.2	-1.5
Hazratnagar	95.7	98.7	+3.0	70.4	73.1	+2.7	83.0	85.0	+2.0
Darjeeling	60.9	62.2	+1.3	46.0	47.8	+1.8	53.9	55.0	+1.1

Rainfall.—The heaviest falls have occurred in East Bengal, where an average amount of 0.88 inch has been recorded, which is about double the normal amount for the period. In North Bengal the falls have averaged 0.60 inch, which is again rather more than double the usual amount for the season, and in Orissa 0.30 inch has fallen, which is a little less than double the usual amount. In South-West Bengal the falls have only averaged 0.15 inch, or about half the usual amount, and it has been practically rainless in Bihar and Chota Nagpur.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 7th of April 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st April 1894.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
South-West Bengal ...	108.4	66.4	75.1	87.0	87.0	+0.9	0.15	0.27	-0.12	0.30	0.44	-0.14	0.15	0.27	0.15	0.17
North Bengal ...	103.3	61.0	73.0	68.1	80.6	+0.1	0.60	0.28	+0.32	0.80	0.41	+0.39	0.60	0.28	0.60	0.28
East Bengal ...	97.8	66.8	80.0	75.2	82.0	0	0.88	0.44	+0.44	1.48	0.71	+0.77	0.88	0.44	0.88	0.44
Bihar ...	104.4	60.3	88.5	69.5	84.0	+0.5	Nil	0.06	-0.06	0.00	0.17	-0.17	Nil	0.06	Nil	0.06
Orissa ...	101.7	69.6	82.0	76.8	84.5	-0.4	0.30	0.17	+0.13	0.70	0.33	+0.38	0.30	0.17	0.30	0.17
Chota Nagpur* ...	106.3	65.4	88.5	73.6	88.5	+2.6	Nil	0.07	-0.07	0.00	0.18	-0.18	Nil	0.07	Nil	0.07

* Daltonganj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 10th April 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 1st to 7th April 1894.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE.						HYGROMETRY.			Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
April	1st	Inches. 29.884	° 85.9	° 90.0	° 26.2	° 72.3	° 80.1	° 81.5	Inches. .960	° 78.0	% 68	Inches. ...
"	2nd	" .898	" 85.5	" 94.0	" 17.0	" 77.0	" 88.6	" 79.5	" .886	" 75.6	" 66	" ...
"	3rd	" .818	" 82.7	" 93.0	" 20.7	" 72.3	" 88.6	" 78.5	" .840	" 71.0	" 63	" ...
"	4th	" .888	" 85.2	" 93.5	" 16.7	" 76.8	" 88.6	" 79.5	" .886	" 75.6	" 66	" ...
"	5th	" .921	" 85.1	" 93.4	" 16.6	" 76.8	" 88.6	" 79.5	" .886	" 75.6	" 66	" ...
"	6th	" .820	" 81.9	" 94.0	" 24.2	" 69.8	" 89.6	" 79.5	" .886	" 75.6	" 66	" ...
"	7th	" .716	" 80.5	" 103.6	" 28.3	" 75.3	" 91.1	" 80.5	" .899	" 76.0	" 62	" 0.90

The mean 10 A.M. pressure of the seven days	...	...	Inches. 29.841
The mean temperature of the seven days	...	...	° 85.1
The extreme variation of temperature	...	...	° 33.8
The maximum temperature	...	...	° 108.6
The mean 10 A.M. relative humidity of the seven days	...	...	% 66
The total fall of rain from 1st to 7th April 1894	...	...	Inch. 0.90
The daily mean temperatures are the crude means of maximum and minimum temperatures.			

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 9th April 1894.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of February 1894, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1893-94.			TOLLAGE, 1892-93.		
	During the month.			During the month.		
	Rs.	A.	P.	Rs.	A.	P.
<i>Orissa Circle.</i>						
Taldanda Canal System	949	3	10	12,096	6	10
Kendrapara ditto	7,586	15	8	76,091	4	10
High Level, Range I	1,184	11	0	13,127	1	9
Ditto, " II	414	3	6	3,124	7	7
Ditto, " III	174	12	9	1,826	6	0
Jajpur Canal ...	54	12	0	391	2	1
Total Orissa Circle ...	10,364	10	9	1,07,256	13	1
<i>South-Western Circle.</i>						
Midnapore Canal	11,919	2	3	1,03,444	4	6
Hijili Tidal Canal	4,390	15	9	50,841	5	9
Total South-Western Circle ...	16,310	2	0	1,54,285	10	3
<i>Sone Circle.</i>						
Patna Canal System ...	2,193	14	6	19,892	8	9
Arrah ditto ...	1,634	7	3	17,299	9	10
Buxar ditto ...	636	7	3	6,517	7	11
Total Sone Circle ...	4,464	13	0	43,709	10	6
GRAND TOTAL ...	31,139	9	9	3,05,252	1	10

Government Transport Services.

CANAL.	TOLLAGE, 1893-94.						TOLLAGE, 1892-93.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
<i>Orissa Circle.</i>	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	1,760	2,007	1,714 8 0	22,022	8,404	21,683 4 10	2,353	1,312	2,181 3 7	10,420	13,470	10,061 8 5
Total Orissa Circle ...	1,760	2,007	1,714 8 0	22,022	8,404	21,683 4 10	2,353	1,312	2,181 3 7	10,420	13,470	10,061 8 5

Total Navigation Receipts.

CANALS.	EARNINGS, 1893-94.			EARNINGS, 1892-93.		
	During the month.			During the month.		
	Rs.	A.	P.	Rs.	A.	P.
Orissa Canals	12,079	3	3	1,28,940	1	11
Midnapore Canal	11,919	2	3	1,03,444	4	6
Hijili Tidal Canal	4,390	15	9	50,841	5	9
Sone Canals	4,464	13	0	43,709	10	6
Total	32,854	2	3	3,26,935	6	8

CALCUTTA,
The 10th April 1894.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of February 1894, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1893-94.		TOLLAGE, 1892-93.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	34,607 8 6	2,91,065 2 6	42,124 8 3	3,25,970 2 9
Tolly's Nala ...	8,974 10 0	77,020 12 9	9,207 0 9	81,411 2 0
Total ...	43,582 2 6	3,68,085 15 3	51,331 9 0	4,07,381 4 9
Orissa Coast Canal ...	7,136 9 9	87,364 6 9	6,884 3 3	46,329 8 0
Nadia Rivers ..	8,599 7 0	1,64,154 3 4	7,829 8 0	1,56,330 0 3
GRAND TOTAL ...	59,320 3 3	6,19,604 9 4	65,045 4 3	6,10,040 13 0

CALCUTTA,
The 10th April 1894.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 7th April 1894, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 7TH APRIL 1894.			WEEK ENDING SATURDAY, THE 8TH APRIL 1893.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	356	47,310	635	630	1,35,650	2,273
Jute ...	16	5,925	107	12	2,925	55
Firewood ...	68	34,025	552	147	88,925	1,343
Other articles ...	779	1,88,200	2,684	857	1,92,425	3,012
Total ...	1,219	2,75,460	3,978	1,646	4,19,825	6,683

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the three weeks and 6 days ending 7th February 1894,
as compared with the same period of 1893.

STAPLES.	1893.		1894.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Cotton, raw	88,773	56,400	1,78,353	1,48,673	89,580	92,174	...	...
Cotton twist and yarn—								
1.—European	7,093	6,673	7,492	5,760	400	...	...	904
2.—Indian	16,477	8,470	26,144	15,111	9,670	6,635	...	...
Cotton piece-goods—								
1.—European	1,02,737	1,82,166	1,29,118	1,06,093	...	...	33,619	76,063
2.—Indian	11,530	7,755	19,634	8,723	8,103	968	...	...
Drugs and chemicals—								
1.—Intoxicating other than opium ...	1,078	316	606	160	...	...	472	147
2.—Non-intoxicating	9,202	5,359	8,201	6,099	...	...	911	1,390
Dyes and tans—								
1.—Indigo	965	827	4,020	5,071	3,055	4,244	...	...
2.—Myrabolams	54,039	11,833	23,101	6,567	...	...	28,678	5,466
3.—Aniline dyes	357	913	240	252	...	...	138	91
4.—Cutch	1,412	507	1,673	691	261	84	...	...
5.—Paints and colours	16,825	6,293	7,261	4,444	...	...	8,564	754
6.—Others	2,670	1,073	2,707	890	97	...	...	128
Grains—								
1.—Wheat	2,00,690	1,00,344	2,40,054	1,04,447	...	...	25,665	4,657
2.—Rice	7,83,251	1,28,381	9,34,264	1,46,268	1,47,613	17,867	...	...
3.—Jawar and bajra	58,173	7,436	11,477	1,988	...	...	46,698	5,444
4.—Gram	1,11,300	49,210	62,404	16,802	...	...	58,875	31,397
5.—Indigo seed	85,233	32,514	1,44,971	53,620	56,738	20,315	...	...
6.—Seeds other than oil-seeds ...	70,699	21,101	44,984	10,802	...	...	31,715	10,280
7.—Others	3,10,617	83,826	3,48,775	75,153	28,123	...	...	8,687
Hides and skins—								
1.—Hides of cattle	61,818	42,344	65,741	38,285	3,623	...	...	4,083
2.—Skins of sheep, &c.	16,680	7,393	13,033	5,394	...	...	3,651	1,990
Horns	948	623	607	445	...	...	351	176
Jute—								
1.—Raw	55,401	10,673	32,751	11,718	...	...	22,740	5,455
2.—Gunny bags and cloth	1,04,246	57,410	97,051	50,353	...	...	6,205	7,066
Lac—								
1.—Stick	17,430	5,784	29,059	9,261	12,029	3,477	...	...
2.—Shell-lac	15,080	12,904	18,310	13,665	2,621	1,301	...	...
Leather—								
1.—Unmanufactured	1,026	3,006	1,580	3,550	...	...	597	636
2.—Manufactured	7,889	7,084	4,700	5,492	...	...	3,199	2,462
Liquors—								
1.—Beer	6,466	8,580	7,387	4,005	921	1,010	...	...
2.—Wines	3,040	5,675	2,861	4,001	...	...	688	1,568
3.—Spirits	3,457	3,228	3,100	2,106	...	...	288	1,720
Metals—								
1.—Copper, unwrought	2,805	3,220	4,170	6,033	1,374	2,804	...	...
2.—Brass, unwrought	3,763	2,216	3,435	2,730	...	...	328	...
3.—Brass and copper, wrought ...	16,154	8,424	18,188	9,703	2,034	1,375	...	...
4.—Iron	2,26,232	1,13,383	3,18,608	1,31,810	92,356	14,446	...	...
5.—Tin	3,363	2,677	5,462	4,175	1,809	1,438	...	...
6.—Others	12,092	8,975	12,002	5,410	...	...	30	...
Oils—								
1.—Castor	3,683	1,148	3,911	1,081	328	...	...	67
2.—Kerosine	1,48,673	65,763	70,000	36,843	...	...	60,807	28,920
3.—Others	10,716	4,344	7,372	2,983	...	...	3,343	1,361
Oil-seeds—								
1.—Linseed	12,546	3,557	1,33,871	24,200	1,21,325	30,643	...	...
2.—Rape and mustard	2,61,730	54,113	2,65,909	63,009	4,173	9,856	...	...
3.—Til or punga	85,905	15,423	81,270	12,075	12,366	5,652	...	...
4.—Castor	55,450	14,440	44,006	12,105	...	...	10,524	1,961
5.—Poppy	1,509	3,02	12,931	3,592	11,382	3,290	...	...
6.—Others	22,707	3,065	9,090	1,909	...	...	12,708	1,066
Opium	243	185	1,029	1,074	786	689	...	...
Paper and pasteboard	10,261	6,223	11,741	6,474	1,480	251	...	...
Provisions—								
1.—Ghee	34,141	18,495	37,803	34,059	3,652	15,564	...	...
2.—Dried fruits and nuts	33,290	24,845	24,567	18,441	...	...	8,033	6,404
3.—Coconuts	5,144	1,373	8,248	2,786	3,104	1,413	...	...
4.—Turmeric	17,391	13,002	14,481	11,794	...	...	3,600	3,168
5.—Others	98,510	30,390	82,473	29,191	...	...	16,037	7,208
Salt	3,62,290	92,085	4,06,420	96,045	73,121	4,560	...	...
Salt-petre, &c.—								
1.—Salt-petre	55,003	24,988	69,091	26,687	5,088	1,699	...	...
2.—Borax	3,435	2,703	5,107	2,353	...	...	258	350
3.—Other saline substances ...	10,397	7,514	28,896	8,320	9,450	1,806	...	...
Silk, raw—								
1.—Foreign	4	1	11	15	7	17	...	...
2.—Indian	3,630	1,743	2,703	1,397	...	...	1,037	346
Silk piece-goods—								
1.—Foreign	1	1	53	177	52	176	...	...
2.—Indian	500	800	706	927	147	127	...	...
Spices—								
1.—Pepper	2,201	1,028	3,397	3,001	1,186	1,076	...	...
2.—Other	35,700	24,385	33,132	33,142	17,432	8,757	...	...
Sugar—								
1.—Drained	10,822	10,341	21,306	13,086	1,464	3,355	...	...
2.—Undrained	5,84,541	1,40,753	4,24,815	1,10,509	...	...	1,64,726	35,853
Stone and lime	2,64,697	47,369	2,87,023	39,599	32,431	...	...	7,770
Tea—								
1.—Foreign ... ..	...	14	...	10	14	10	...	...
2.—Indian	1,825	1,053	1,467	708	...	...	358	285
Timber, &c.—								
1.—Timber	91,504	14,018	1,60,433	30,176	74,929	21,258	...	...
2.—Firewood	27,291	2,170	186,080	3,776	9,309	597	...	...
Tobacco	26,141	11,830	22,508	10,223	...	...	3,636	1,637
Umbrellas	853	934	682	1,200	...	332	177	...
Wool—								
1.—Raw	1,200	1,037	1,196	858	...	...	13	179
2.—Piece-goods—								
a.—European	308	442	153	293	...	...	...	...
b.—Indian	1,074	1,816	1,706	1,765	122	...	233	140
3.—Shawls ... ..	...	...	...	...	...	...	...	81
All other articles of merchandise ...	4,80,865	1,37,147	11,95,825	3,45,465	7,04,960	2,08,321	...	...
Total	54,24,760	18,22,293	64,16,831	20,48,132	9,94,071	9,25,830	...	...
Military stores	22,424	42,964	11,602	10,012	...	...	10,942	27,943
Coal—								
1.—For public	48,18,397	6,61,397	56,64,737	7,81,786	8,46,340	1,39,479	...	...
2.—Railway	4,21,035	39,661	5,60,160	72,779	1,65,125	32,918	...	...
Railway Materials—								
1.—For construction and revenue ...	11,60,607	50,023	16,38,642	61,865	4,77,965	1,831	...	...
Live-stock ... ..	...	9,094	...	5,029	...	...	...	3,166
Total	1,18,51,343	26,15,551	1,43,17,922	29,75,490	24,00,570	3,59,950	...	...

T. SIMPSON, Assistant Auditor.

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, the 7th April 1894.

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of January 1894, as compared with the same month of the previous year

STAPLES.	1894.		1893.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1894.	1893.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	6,802	32,916	7,101	14,039	42,778	31,140	31,038	.....
Cotton, raw	28	249	8	235	277	243	34	.....
Cotton, manufactured—								
Twist and yarn, European	369	.....	.....	.....	.....	.....	.....	.....
Ditto, Indian	249	185	.....	.....	.....	.....	.....	.....
Piece-goods, European	2,436	7	2,533	91	3,416	2,024	702	.....
Ditto, Indian	99	13	.....	.....	.....	.....	.....	.....
Drugs and Chemicals—								
Intoxicating, other than opium	1	4	.....	.....	.....	.....	.....	.....
Non-intoxicating—								
Cinchona bark .....	.....	.....	.....	.....	56	.....	56	.....
Others	33	18	.....	.....	.....	.....	.....	.....
Dyes and Tans—								
Indigo	37	.....	.....	.....	.....	.....	.....	.....
Myristolams	45	.....	.....	.....	.....	.....	.....	.....
Cutch	13	89	.....	.....	102	.....	102	.....
Turnerio .....	.....	.....	.....	.....	.....	.....	.....	.....
Aniline dyes	8	.....	.....	.....	.....	.....	.....	.....
Others .....	.....	.....	.....	.....	.....	.....	.....	.....
Grain and pulse—								
Wheat	89	12	.....	.....	.....	.....	.....	.....
Rice in the husk	6,151	10,123	.....	.....	.....	.....	.....	.....
Rice not in the husk	8,655	3,379	2,451	2,240	12,094	4,001	7,343	.....
Jawar and bajra .....	.....	.....	.....	.....	.....	.....	.....	.....
Gram and pulse	879	1,733	.....	.....	.....	.....	.....	.....
Others	325	132	1,900	6,595	10,467	8,501	10,906	.....
Hides and skins—								
Hides of cattle—								
Dressed or tanned .....	.....	.....	.....	.....	.....	.....	.....	.....
Raw .....	.....	.....	.....	.....	.....	.....	.....	.....
Skins of sheep, &c.—	164	1,518	12	721	1,682	733	949	.....
Dressed or tanned .....	.....	.....	.....	.....	.....	.....	.....	.....
Raw .....	.....	.....	.....	.....	.....	.....	.....	.....
Horns .....	.....	6	.....	.....	6	.....	6	.....
Jute—								
Raw	355	32,309	16	23,456	32,664	23,472	9,192	.....
Gunny bags and cloth	454	777	227	1,030	1,235	1,257	.....	22
Lac—								
Stick .....	.....	.....	.....	.....	.....	.....	.....	.....
Shell	10	14	.....	.....	24	.....	24	.....
Leather, manufactured	67	3	.....	.....	70	.....	70	.....
Liquors—								
Beer	31	.....	.....	.....	.....	.....	.....	.....
Spirits .....	.....	.....	.....	.....	.....	.....	.....	.....
Wines	72	6	.....	.....	108	.....	108	.....
Metals—								
Copper, unwrought .....	.....	.....	.....	.....	.....	.....	.....	.....
Brass, do. .....	.....	.....	.....	.....	.....	.....	.....	.....
Copper, wrought	3	.....	1,652	153	2,856	1,805	1,051	.....
Brass, do.	290	90	.....	.....	.....	.....	.....	.....
Iron	1,758	182	.....	.....	.....	.....	.....	.....
Others	507	17	.....	.....	.....	.....	.....	.....
Oils—								
Kerosine	7,483	14	5,460	202	7,407	5,662	1,835	.....
Castor	10	2	.....	.....	.....	.....	.....	.....
Cocannut	84	.....	.....	.....	.....	.....	.....	.....
Others	421	43	402	62	564	464	90	.....
Oilseeds—								
Linseed .....	.....	521	.....	.....	.....	.....	.....	.....
Rape and mustard	70	656	.....	.....	.....	.....	.....	.....
Til or jinjili	6	39	.....	.....	.....	.....	.....	.....
Poppy	1	.....	138	332	1,332	470	802	.....
Earth-nuts .....	.....	.....	.....	.....	.....	.....	.....	.....
Castor .....	.....	.....	.....	.....	.....	.....	.....	.....
Others	17	19	.....	.....	.....	.....	.....	.....
Opium .....	.....	.....	.....	.....	.....	.....	.....	.....
Paper and pasteboard	70	.....	.....	.....	70	.....	70	.....
Provisions—								
Ghee	106	7	.....	.....	.....	.....	.....	.....
Dried fruits and nuts	7	1	722	423	1,053	1,145	803	.....
Others	1,121	711	.....	.....	.....	.....	.....	.....
Railway plant and rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines and tenders and parts thereof .....	.....	.....	.....	.....	.....	.....	.....	.....
Carriages and trucks and parts thereof .....	.....	.....	.....	.....	.....	.....	.....	.....
Materials—								
Steel rails and fish-plates, sleepers and keys of steel and ca t-iron .....	.....	.....	.....	.....	3,527	9,402	.....	5,905
Other sorts .....	.....	.....	.....	.....	.....	.....	.....	.....
Salt	5,272	20	2,822	18	5,292	2,840	2,452	.....
Saltpetre, &c.—								
Saltpetre	6	.....	.....	.....	6	.....	6	.....
Other saline substances .....	.....	.....	.....	.....	.....	.....	.....	.....
Silk, raw—								
Foreign .....	.....	.....	.....	.....	.....	.....	.....	.....
Indian .....	.....	24	.....	.....	24	.....	24	.....

Includes Loco. coal 5,377 and 5,747 tons during 1894 and 1893, respectively, carried for Revenue, for which no "Up" and "Down" registers maintained.

Railway plant and rolling-stock 3,155 and 9,402 tons for the years 1894 and 1893, respectively, for which no "Up" and "Down" registers maintained.

STAPLES.	1894.		1893.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1894.	1893.		
Silk piece-goods—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	.....	.....	.....	.....	.....	.....	.....
Spices—								
Betel-nuts	600	1,304	134	1,169	1,904	1,303	601	.....
Pepper	101	.....	.....	.....	.....	.....	.....	.....
Ginger	.....	21	.....	.....	.....	.....	.....	.....
Cloves	1,102	10	.....	.....	.....	.....	.....	.....
Cardamoms	.....	12	.....	.....	.....	.....	.....	.....
Others	71	77	.....	.....	1,454	.....	1,454	.....
Stone and lime	605	514	.....	.....	819	.....	819	.....
Sugar—								
Refined or crystallized, including sugar-candy.	294	3	1,003	896	3,088	1,901	1,187	.....
Unrefined, viz., molasses and jaggery or gur, and other saccharine produce.	1,126	605						
Tea—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	1,068	.....	826	1,068	826	263	.....
Timber	271	82	228	236	353	464	.....	111
Tobacco—								
Unmanufactured	119	610	40	522	768	561	206	.....
Manufactured—	.....	.....				
Cigars	.....	.....	.....	.....	.....	.....	.....	.....
Other sorts	.....	.....	.....	.....	.....	.....	.....	.....
Wool, raw	0	225	.....	.....	225	.....	225	.....
Wool, manufactured—								
Piece-goods, European	.....	.....	.....	.....	.....	.....	.....	.....
Ditto, Indian	1	.....	.....	.....	1	.....	1	.....
Shawls	.....	.....	.....	.....	.....	.....	.....	.....
All other articles of merchandise	7,562	1,663	6,085	1,850	9,015	7,905	1,110	.....
Total	57,350	94,964	32,910	65,099	155,841	97,500	64,430	6,098

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of January 1894.

INCREASES.

Coal and Coke	Tons.	21,638	Jute, raw	Tons.	9,192
Due to despatches for Bracebridge Hall having been more during this month than in the corresponding month last year.			Most of the Northern Bihar and Dacca Section stations show increases under this head, due to Calcutta market having been favourable.		
Rice not in the husk	7,343		Kerosine oil	1,835	
Ranaghat, Chitpur, Hili and almost all the stations on the Bihar Section show increases under this head, due to good crops and to a brisk demand in the eastern districts where scarcity prevailed.			Principally in despatches from Budge-Budge, and chiefly due to the extension of bulk oil traffic.		
Hides of cattle	949		Salt	2,453	
Chiefly in despatches from Dacca.			Mostly in despatches from Chitpur.		
			Sugar	1,187	
			Monihari shows increases under this head.		

DECREASES.

Railway plant and rolling-stock carried for the Public and Foreign Railways	5,905
The arrivals of materials for construction and maintenance were small.	

CALCUTTA, the 9th April 1894.

HARRY STUART,
Examiner of Accounts.

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of January 1894, as compared with the same month of the previous year.

STAPLES.	1894.		1893.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1894.	1893.		
	Tons.	Tons.	Tons.	Tons.	Tons. (a)	Tons. (a)	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	3,095		3,123		3,095	3,123		28
Cotton, raw				1		1		1
Cotton, manufactured—								
Twist and yarn, European	126							
Ditto, Indian	2							
Piece-goods, European	283		325		421	325	96	
Ditto, Indian								
Drugs and Chemicals—								
Intoxicating other than Opium								
Non-intoxicating—								
Cinchona Bark					1		1	
Others	1							
Dyes and Tans—								
Indigo								
Mysabolams								
Cutch								
Turneric								
Aniline Dyes	2	4			6		6	
Others								
Grain and pulse—								
Wheat								
Rice in the husk	113	55						
Do. not in the husk	525	27	6	634	532	630		26
Jawar and Bajra								
Gram and pulse	18	36						
Others	18	13	51	120	253	171	81	
Hides and skins—								
Hides of cattle—								
Dressed or tanned								
Raw		92						
Skins of sheep, &c.—								
Dressed or tanned				35	92	33	59	
Raw								
Jute—								
Raw		636	1	642	636	645	193	
Gunny bays and cloth	31	4	15	1	25	16	9	
Leather, manufactured	6				6		6	
Liquors—								
Beer								
Spirits								
Wines	5				5		5	
Metals—								
Copper, unwrought								
Brass, ditto	4							
Copper, wrought								
Brass, ditto	32	3	126	15	146	139	10	
Iron	96							
Others	3	11						
Oils—								
Kerosine	130		115	2	120	120	10	
Caster	1							
Cocunut	15							
Others	188		137		204	127	77	
Oilseeds—								
Linseed		2						
Rape and mustard	37	3						
Til or gingelly								
Poppy			19		43	19	24	
Earth-nuts								
Caster								
Others	7	1			7		7	
Paper and pasteboard								
Provisions—								
Glucose								
Dried fruits and nuts	3							
Others	441	52	140	204	796	353	443	
Railway Plant and Rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines and tenders and parts thereof								
Carrriages and trucks and parts thereof								
Materials—								
Steel rails and fish-plates, sleepers and keys of steel and cast iron.					(A)	(B)		66
Other sorts					82	150		
Salt	267		186		267	186	111	
Spices—								
Betel-nuts	7	1,255		1,268	1,268	1,268		36
Pepper								
Ginger								
Chillies	110	3						
Cardamoms								
Others	3	9			134		134	
Stone and lime	6				6		6	
Sugar—								
Refined or crystallised, including sugar-candy.	4		636	190	577	518		241
Unrefined, viz., molasses and jagery or gur, and other saccharine produce.	41	532						
Timber	33	1			34		34	
Tobacco—								
Unmanufactured	40	17						
Manufactured—								
Cigars			20	23	71	46	29	
Other sorts	5							
All other articles of merchandise	311	290	224	167	511	461	20	
Total	6,024	3,356	5,288	3,127	9,363	8,465	1,869	408

(a) Excludes locomotive coal nil and 500 tons during 1894 and 1893, respectively, carried for Revenue, for which no "Up" and "Down" registers maintained.

(b) Railway plant and rolling-stock 23 and 150 tons for the years 1894 and 1893, respectively, for which no "Up" and "Down" registers maintained.

Statement of principal commodities carried on the Bengal Central Railway during the month of January 1894.

The increases and decreases in the commodities are due to ordinary fluctuation of traffic and call for no special remarks.

CALCUTTA, the 9th April 1894.

HARRY STUART,
Examiner of Accounts.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 31st March 1894, on 1,610½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	258,619*	Rs. A. P. 8,61,584 14 0*	Mds. S. 32,00,740 30	Rs. A. P. 6,88,293 1 0	Rs. A. P. 19,839 2 0	Rs. A. P. 10,07,717 1 0	83,630†	123,470‡	207,091
Or per mile of railway	.....	254 8 4	.....	426 2 2	13 5 1	662 15 7	.....	.....	.....
For previous 11½ weeks of half-year	4,008,084	46,27,662 10 0	4,02,45,088 30	85,88,776 6 0	2,20,496 8 0	1,31,37,845 8 0	980,016§	1,458,977||	2,437,993
Total for 12½ weeks	4,266,703	46,00,247 8 0	4,35,41,870 20	86,75,060 7 0	2,40,245 10 0	1,45,08,562 0 0	1,004,539	1,580,448§	2,584,987||
COMPARISON.									
Total for corresponding week of previous year	277,730†	2,90,480 14 1	31,92,931 10	7,61,278 1 6	21,005 9 0	10,78,764 8 7	80,282	193,534	204,816
Per mile of railway corresponding week of previous year	.....	184 1 0	.....	472 11 2	13 0 8	669 13 4	.....	.....	.....
Total for corresponding 13 weeks of previous year	3,945,820	44,42,911 9 1	3,84,60,060 20	86,22,097 1 8	2,43,301 14 10	1,33,08,400 0 7	1,019,370	1,439,663	2,459,033

* The increase is chiefly due to journeys of His Excellency the Viceroy, his suite and Body-guard, and also to running of a special train for His Excellency the Commander-in-Chief.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 31st March 1894, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	21,592	Rs. A. P. 5,507 9 0	Mds. S. 21,179 10	Rs. A. P. 831 11 0	Rs. A. P. 8 0 0	Rs. A. P. 6,437 4 0	853	115	968
Or per mile of railway	.....	251 9 2	.....	37 6 1	0 5 0	290 5 0	.....	.....	.....
For previous 11½ weeks of half-year	260,885	57,037 4 0	12,30,472 0	18,762 11 0	1118 0 0	75,907 15 0	10,503	1,157	11,660
Total for 12½ weeks	282,477	72,034 13 0	2,50,951 10	2,684 6 0	126 0 0	82,345 3 0	11,356	1,272	12,628
COMPARISON.									
Total for corresponding week of previous year	21,070	5,462 13 7	9,296 0	332 6 0	26 4 3	5,821 7 10	692	76	768
Per mile of railway corresponding week of previous year	.....	245 8 4	.....	14 15 0	1 2 11	261 10 3	.....	.....	.....
Total for corresponding 13 weeks of previous year	280,661†	73,496 11 10	1,63,458 30	5,131 5 0	161 12 3	78,729 13 1	11,407	1,335	12,742

* Added number of passengers 1,489 and
 † Deducted maunds 342 and added
 ‡ Added

Rs. 746 } On account of difference between the approximate and audited figures for the week ended 24th Feb.
 " 3 }
 " 5 } ruary 1894.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the week ended 31st March 1894, on 161½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	22,347	Rs. A. P. 21,930 8 0	Mds. S. 64,028 20	Rs. A. P. 11,643 11 0	Rs. A. P. 53 0 0	Rs. A. P. 33,657 3 0	5,345†	3,060	8,405
Or per mile of railway	.....	136 1 0	.....	72 2 3	0 3 3	208 5 6	.....	.....	.....
For previous 11½ weeks of half-year	216,843	11,63,151 8 0	18,54,984 20	11,12,057 14 0	5820 0 0	2,70,008 14 0	63,930‡	37,638	103,568
Total for 12½ weeks	239,190	1,95,091 8 0	9,10,913 0	1,23,701 9 0	873 0 0	3,00,666 1 0	71,276§	41,627	112,903
COMPARISON.									
Total for corresponding week of previous year	20,519	17,189 15 5	55,268 0	12,980 7 0	37 3 6	30,207 9 11	6,834	3,114	9,948
Per mile of railway corresponding week of previous year	.....	106 8 1	.....	80 6 10	0 3 6	187 2 7	.....	.....	.....
Total for corresponding 13 weeks of previous year	240,576†	1,72,369 9 5	8,57,059 0	1,09,724 15 0	598 0 9	2,83,092 15 2	70,430	43,043	113,473

* Increase in outward traffic at Delhi and Umballa.
 † Added number of passengers 643 and deducted
 ‡ Dito maunds 25,790 and
 § Deducted

Rs. 280 } On account of difference between the approximate and audited figures for the week ended 24th
 " 1,233 }
 " 44 } February 1894.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

						Rs.	A.	P.
Approximate earnings for the week ending 24th March 1894	...	...	...	...	...	9,111	0	0
Corresponding period of 1893	...	...	...	...	...	11,672	0	0
Decrease	...	...	...	...	...	2,461	0	0
Receipts per mile for the week ending 24th March 1894	...	...	...	...	...	178	10	4
Corresponding period of 1893	...	...	...	...	...	226	14	6
Decrease	...	...	...	...	...	48	4	2
Receipts from 1st January to 24th March 1894	...	...	...	...	...	1,13,848	0	0
Corresponding period of 1893	...	...	...	...	...	1,23,937	0	0
Decrease	...	...	...	...	...	10,089	0	0



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 18, 1894.

OFFICIAL PAPERS.

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CONTENTS.

	Page.		Page.
ABSTRACT of the Proceedings of the Council of the Lieutenant-Governor of Bengal, assembled for the purpose of making Laws and Regulations under the provisions of the Indian Councils Acts, 1861 and 1892	605	STATEMENT of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 14th of April 1894	602
Resolution on the report on the working of the Eden Sanitarium for the year 1893	603	Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 5th to 14th April 1894	606
Rainfall, Weather, and State and Prospects of the Crops	655	Vital Statistics of the District of Bengal for the month of February 1894	607
Results of the Meteorological Observations taken at the Alipore Observatory from 8th to 14th April 1894	659	Circular and Eastern Canals for the week ending Saturday, the 14th April 1894	609
Meteorological report of the Province of Bengal for the week ending Saturday, the 14th of April 1894	660	Weekly Return of Traffic Receipts on Indian Railways	660

Abstract of the Proceedings of the Council of the Lieutenant-Governor of Bengal, assembled for the purpose of making Laws and Regulations under the provisions of the Indian Councils Acts, 1861 and 1892.

THE Council met at the Council Chamber on Saturday, the 31st March, 1894.

Present:

The HON'BLE SIR CHARLES ALFRED ELLIOTT, K.C.S.I., Lieutenant-Governor of Bengal, *presiding*.
 The HON'BLE SIR CHARLES PAUL, K.C.I.E., *Advocate-General*.
 The HON'BLE T. T. ALLEN.
 The HON'BLE H. J. S. COTTON, C.S.I.
 The HON'BLE SIR JOHN LAMBERT, K.C.I.E.
 The HON'BLE D. R. LYALL, C.S.I.
 The HON'BLE J. A. BOURDILLON.
 The HON'BLE MAULVI ABDUL JUBBAR KHAN BAHADUR.
 The HON'BLE F. R. S. COLLIER.
 The HON'BLE C. E. BUCKLAND.
 The HON'BLE C. A. WILKINS.
 The HON'BLE MAULVI SYED FAZL IMAM KHAN BAHADUR.
 The HON'BLE SURENDRANATH BANERJEE.
 The HON'BLE L. GHOSE.
 The HON'BLE MAULVI SERA' ISLAM KHAN BAHADUR.
 The HON'BLE J. G. WOMA.
 The HON'BLE MAHARAJA JAGADINDRA NATH ROY OF NATOR.
 The HON'BLE J. N. STUART.

NEW MEMBER.

The Hon'ble MR. C. A. WILKINS took his seat in Council.

ALLEGED WASTE AND MISAPPROPRIATION OF HINDU RELIGIOUS ENDOWMENTS.

The Hon'ble BABU SURENDRANATH BANERJEE asked—

Will the Government state whether it has received any representations from public bodies on the question of Hindu religious endowments complaining of the waste and misappropriation of temple funds by Mohunts, and what action does the Government propose to take on these representations?

The Hon'ble MR. BUCKLAND replied:—

"A memorial on the subject referred to by the hon'ble member was received from the British Indian Association on the 16th March. There has not yet been time to give the memorial the careful consideration which it deserves and will receive."

COMPENSATION ALLOWANCE TO NON-DOMICILED EUROPEANS AND EURASIANS.

The Hon'ble BABU SURENDRANATH BANERJEE asked—

(a) Will the Government state the number of non-domiciled European and Eurasian servants of the Government (stating the number in each case) who in the Bengal Establishment draw compensation allowance, and the average amount of such allowance per month?

(b) Whether any allowance is paid, if so, what is the total amount and in how many cases, to non-domiciled European and Eurasian employes who draw salaries of over Rs. 200 a month, but whose appointments have not received the sanction of the Government of India as required under the existing rules?

(c) Whether any officers of the latter cases have applied for compensation allowance. If so, how have such applications been dealt with?

The Hon'ble MR. BOURDILLON replied:—

"The information asked for by the hon'ble member was not immediately available, and had to be sought from the office of the Accountant-General: it has not yet been furnished in full, but I hope that I shall be able to supply a complete answer on the occasion of the next meeting of Council."

ALLEGED ORDER PROHIBITING ACCEPTANCE OF BAIL IN CERTAIN NON-BAILABLE CASES.

The Hon'ble BABU SURENDRANATH BANERJEE asked—

(a) Whether the attention of Government has been drawn to an order passed by Mr. Westmacott, Commissioner of the Presidency Division, directing all Magisterial officers within his jurisdiction to refuse bail in all non-bailable offences where a charge has been framed against the accused?

(b) Whether the Government approves of such an order being issued by an executive officer, which is calculated to fetter the exercise of judicial discretion on the part of Magisterial officers?

(c) Whether, having regard to the hardship of such an order and the uncertainty of the law in the matter, the Government will consult the Advocate-General as to the legality of the order?

(d) And whether, if the order is declared to be illegal, the Government will direct that it be withdrawn?

The Hon'ble MR. COTTON replied:—

"The Lieutenant-Governor has ascertained that Mr. Westmacott has issued no such order."

ENQUIRY AS TO TRUTH OF CERTAIN STATEMENTS IN AN AFFIDAVIT.

The Hon'ble BABU SURENDRANATH BANERJEE asked—

(a) Whether the attention of the Government has been drawn to an affidavit, No. 50, dated 19th February, 1894, filed before the Court of the Sessions Judge of Saran, and published in the *Amrita Bazar Patrika* of the 1st March, 1894, in which Ali Hossein, resident of Mohanuda, subdivision Siwan, district Saran, among other things, solemnly affirmed as follows:—

“(1) I was a witness in the case of Empress *versus* Khendhari Rai and Dilram Sahu under section 107 of the Criminal Procedure Code on behalf of Dilram Sahu in the Court of Mr. Lang, the Joint-Magistrate of Siwan. During my examination, Mr. Lang said to me:—‘You have come to depose on behalf of a Hindu. You are not a Mussalman. You are born of a Hindu. You are born of a Rajput. I have not taxed Mussalman, Chamars and Dasadhs, but other Hindus of that *eleka*. You will also be now taxed.’

“(2) I sent a petition to the Lieutenant-Governor of Bengal, complaining of the above, and that petition was under my sanction and with my knowledge and on my behalf.

“(3) I do not know to read and write, and therefore could not sign my name on it.

A. SINGH,
Comr. of Affdts.”

CHAPRA ; the 19th February, 1894.

(b) Whether the attention of the Government has been drawn to the statement published in the same paper to the effect that the affidavit is supported by the statements of some half a dozen eye-witnesses?

(c) Will the Government, having regard to the affidavit, direct a further enquiry to be made, and if the affidavit is false, prosecute Ali Hossein for perjury: if it is true, take such action as the justice of the case may demand?

The Hon'ble MR. COTTON replied:—

“The Lieutenant-Governor does not consider it necessary to take any further action in regard to this matter.”

BENGAL PROVINCIAL SERVICE BUDGET FOR 1894-95.

The Hon'ble MR. BOURDILLON laid on the table the Bengal Provincial Service Budget for 1894-95. He said:—

“The Financial Statement for the Province of Bengal, which under the new Rules of Council had for the first time to be laid before Council in 1893, afforded the Hon'ble MR. RISLEY, who was then Financial Secretary, an opportunity of explaining the origin of the system of Provincial Finance, the conditions of the administration of finance by the Provincial Governments, and the general results of the working of the system in Bengal during the twenty-one years covered by what are colloquially called the four financial contracts with the Government of India, the last of which expired with the year 1891-92. He also explained the distinctive features of the existing Provincial contract for five years which took effect from the 1st April, 1892.

“2. This contract is based upon the assumption that, taking one year with another, the sum required by the Government of Bengal to meet the reasonable demands of the Province on heads of expenditure classed as Provincial is Rs. 4,07,91,000; and as the average annual income was estimated by the Supreme Government in March, 1892, at Rs. 4,22,30,000, the difference of Rs. 14,39,000 is the sum which the Local Government has to hand over to the Imperial Exchequer every year, the Province being thus left with an estimated income and expenditure exactly equal. The receipts under some heads are credited entirely to Provincial revenues, while the revenue under others is shared in varying proportions by the Imperial and Local Governments. The same system is applied to heads of expenditure, the general principle being

observed (with a few exceptions) that the proportion of receipts and of expenditure made over to the Local Government should be the same. In these circumstances, it is obvious that a Local Government has every incentive to careful administration, for the larger the gross income which it can raise, or the greater the economies which it can effect consistently with efficient administration, the larger will be the sum represented by its proportionate share of the revenue.

"3. Under this system, the Provincial Government gets one-fourth of the Land Revenue together with 12 per cent. of the revenue collected from Government Estates, half of the receipts on account of Income-tax, Forests, and Registration, and of the net traffic earnings of the Eastern Bengal Railway, three-fourths of Stamps and one-fourth of Excise. It takes the whole of the receipts under all the other heads except such as are virtually Imperial, but in which a small credit is allowed for special reasons such as Salt, Customs, Interest on Loans and Advances, Superannuation, and Stationery and Printing. On the other side, the Government of Bengal is required to meet all charges under the great spending departments such as General Administration, Courts of Law, Jails, Police, Education, Medical, &c., as well as those under the producing departments—Land Revenue (except Settlement), Provincial Rates, Salt and Customs. It has to meet the whole cost of Stationery and Printing, excluding purchases for the Central Stores, the working expenses of Irrigation and Navigation, and Civil Works, with the exception of Imperial Buildings. It is responsible for one-half of the expenditure under Income-tax, Forests and Registration, for three-fourths of Stamp expenditure, and a quarter of that on Excise.

"4. It is not to be supposed, however, that, with the announcement of the total annual assignment for the Province, the control exercised by the Government of India over Provincial finance comes to an end, for, in the first place, the Local Government is required to maintain all the Provincial services in a state of administrative efficiency, providing increased expenditure in any directions necessary for that purpose, either by reduction of expenditure under other heads, or from increased revenue; secondly, the powers of the Local Government as regards the expenditure of the funds thus placed by estimate at their disposal are carefully defined; and thirdly, with the double object of maintaining a proper supervision over the proceedings of Local Governments, and of ascertaining as closely as possible what its own financial position is, the Supreme Government has laid down strict rules for the preparation of Provincial budgets and for their submission for approval, and they reserve to themselves the right of altering figures both on the receipt and expenditure side, if later or more precise information justifies such action. These budgets, after a careful examination by the Financial Department and the Secretaries of the Departments which have administrative control in each case, are compiled and forwarded to the Government of India as a whole on the 15th of January through the Accountant-General, who, by that time, has before him the actual figures for nine months. Soon after the close of February, the actuals for two more months, or eleven in all, are available, and on or about the 10th of March a final revised estimate for the expiring year, together with a final forecast for the year beginning on the 1st of April, are laid before the Government of India for approval and for incorporation in the great Imperial Budget for the whole of India. The figures now presented to Council in columns 4 and 5 of the abstract statements of revenue and expenditure already circulated to members are those which have been accepted by the Supreme Government after being subjected to the processes which I have just described.

"5. I now pass on to notice briefly the principal points under those heads in the Financial Statements already in the hands of the hon'ble members which seem to require comment or explanation, and I propose to treat them in succession under three heads, viz.—

- (1) The closed accounts of 1892-93.
- (2) The revised estimate for 1893-94.
- (3) The budget estimate for 1894-95.

(1)—ACCOUNTS OF 1892-93.

"6. In the Financial Statement which was laid before the Council on 1st April, 1893, it was shown that, according to the revised estimate for 1892-93 as